## ENGINE MAINTENANCE RECORDS



## **ENGINE MAINTENANCE RECORDS**

Log No. 2

Aircraft Registration No. N4096
i
Engine Manufacturer Lycoming
Model 0-320-AZB
Serial No. <u>L-13793 - 27</u>
Date installed on aircraft
Time Between Overhauls (TBO) Hours
If used on multi-engine aircraft:
☐ Right ☐ Left
□ Front □ Rear



(All applicable information must be filled in)

P.O. Box 1359 / Southold, NY 11971-0965 (516) 765-9375 1-800-235-6444

FAX: (516) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	SIGNA	DESCRIPTIO		K PERFORMED— PERSON PERFOF	
**************************************			inspected in found airwo	rthy for retu	ponent identified e with current Fe rn to service. Pe ider Work Orde	deral Air F rtinent de	Regulations and tails of the repa	l was ir are
·		:	Engine Mod	del <u>0–32</u> 2/07/2017	Signed: Sor	erial Num	AF.A.A. CRS MW	/2R020L
				G&N A	Aircraft, I	nc.	1701 E. Main St Griffith, IN 4631 (219)924-7110	
			02/07/17	15:42:50	DISASSEMBLED, ( REPAIRED AS NI USING THE FOLLO	EEDED, REA	ASSEMBLED, & D	NSPECTED. YNO TESTED
			Item Num.		Item Description			Quantity
			LW-12186 LW-12892 LW-13445 LW-13790		Nut Thrust Buttor Pin Piston Shaft		**	8 8 4 4
		1	LW-13923 LW-15592 O-PARTS O-PARTS O-PARTS	-5-05	Bushing Clamp 75735-S Oil C 13s19646-S Ge RG-75906-S Ga	ar Servi	ceable	4 6 1 1 4
_			STD-1199 STD-1211 STD-1791 STD-2246 STD-2249		Pin Plug Bolt Bolt Nut		**	1 1 4 1 5
			STD-68 10-90751 13B47024 14H21950	-18	Pin Pin CRANKSHAFT AS Rings	SEMBLY	**	2 1 1 4
			18A26093 18D26100 18M26104 4370 4373		Bearing Bearing Bearing Magneto Exch. Magneto			2 4 8 1
			60009 69371-1 71133 71134 72198		Key Gasket Set Nut Nut Plug		**	2 1 16 16 8
			72877-R 74166-R 74241 74637 77629		Lifter Bodies Camshaft Reco Ring Bushing Kit Relief Va	nditon Ou	**	8 1 8 3
			78027	ND OF	Bolt REPORT * *	**	- 500410	8

**SUB-TOTALS** this page

1		ΛID\A	VORTHINESS DIRECT	TIVE			
repair							
	At date (	of engine <b>mxerxivix</b> k :-Engine Model		_			
	Au	uthorized Signiture:	0-320-A2B	ABK JE			
Δ	AD & REV#	REV DATE	APPLIC. SB #	ONE TIME	RECURRING		
	5-08-09		381C 385C	X			
	7-10-06 R1	09/01/89	477A	x			
	7-10-00 KI 2-12-05		501B	X			
	6-09-10		381C 385C 454B 456C 455D 524	X			
	7-15-11		527C	Х			
	8-02-08		505B 530B S1	X			
	8-17-11			X			
	2004-10-14		475C		X		
-	63-23-02		293В	X			

COMPLIAN	ICE RECORD
S/N L-13793-27	W/O 72000
C/W complied with, P/C/W previous	sly complied with, N/A not applicable
CRS MW2R020L Trants hy	ernsul Ja
	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

TOTAL TOTAL TACH OR	DESCRIPTION OF WORK DEDEORMED
THE OHIO STATE UNIVERSITY AIRPORT	ЗК
2160 West Case road	
Columbus, Ohio 43235-2526 CRS# IKBR028F	THE OHIO STATE UNIVERSITY AIRPORT
Date:5-1-2017 Work Order#: AM07544 N#: 4096Z	2160 West Case road
Aircraft Make/Model: Piper PA-18 Serial#: 18-8110	Columbus, Ohio 43235-2526
Engine Make/Model: Lycoming O-320 Serial#: L-13793-27	CRS# IKBR028F
Tach time: 142.3 Engine TSMOH: 126.2 Engine TT: 2974.8	Date: 05/30/2017 Work Order#: AM07696 N#: 4096Z
Engine Log;	Aircraft Make/Model: Piper PA-18-150 Serial#:
<ol> <li>Complied with Piper PA-18-150 100Hr Inspection IAW Piper PA-18-150</li> </ol>	Tach. Time: 149.1
AMM, P/N 230-202, Dated August 22, 1999. 2. Compression Check #1 76/80 #2 74/80 #3 77/80 #4 77/80.	Engine Log;
2. Compression Check #1 76/80 #2 74/80 #3 77/80 #4 77/80.	<ol> <li>Cleaned and reinstalled bottom spark plugs. Mag check normal.</li> </ol>
l 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	(07.1)
"Maintenance Release"	"Maintenance Release" The aircraft and/or component identified above was repaired and inspected in
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy	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.	for return to service. Pertinent details of the repair are on file at this agency.
O C D	CeO
Signature: for CRS# IKBR028F	Signature: for CRS# IKBR028F
Columbus, Ohio 43235-2526 CR\$# 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 PIN AA48108-2 (8130-3). Serviced engine with 8 gts 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 accordance with current Federal Aviation Regulations and was found airworth for return to service. Pertinent details of the repair are on file at this agency.  END  Signature:  For CRS# IKBR028F	
SUB-	TOTALS this page
TOTA	LS-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	K PERFORMED— PERSON PERFORMING WORK
Engine Model 0-320-A2B Serial Number: L-13793-27A	age
Date: 08/07/2017 Signed:	
for  G&N Aircraft, Inc.  F.A.A. CRS MW2R020L 1701 E. Main Street Griffith, IN 46319 (219)924-7110	
08/07/17 15:36:29 See Description of Inspection Relow. DACK 1	
08/07/17 15:36:29 See Description of Inspection Below: PAGE 1  Item Item Quantity Num. Description	
LW-12272 Lock Plate 4	
LW-18661 Seal 8 70310 Seal 8	
71481 Ring 4 71973 Gasket Tyn Flange 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 N#: 4096Z	
Date:04/11/2018   Work Order#: AM08332   N#: 40962     Aircraft Make/Model: Piper PA-18-150   Serial#: 18-8110	
Engine Make/Model: Lycoming 0-320 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.	
<ol> <li>Engine compressions: #1) 76/80 #2) 78/80 #3) 76/80 #4) 76/80</li> <li>Drained oil sump, replaced oil filter with new filter P/N AA48108-2 (8130-3). Serviced engine with 8 qts. of Aeroshell W80 oil.</li> </ol>	
4. Tightened oil dip stick gauge tube.  L 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	
C S D - CONTROLLED	
Signature: for CRS# IKBR028F	
SUB-TOTALS this 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
				TOTALS brought forward from previous page
West amount of the second of t	Engine Make/ Tach time: 28: Engine La  1. Con 201: 2. Con 3. Dra: with 4. Con 5. Inst. 6. Run 1 certify that the airworthy cond	20 Work Orn /Model: Piper P/ Model: Lycoming 4.9 Engin Dg: apply with an Engin 8 and other curren pressions: #1) 74 ined oil sump repl 18 qts. of Aeroshe applied with Airwo alled new cranksh up and leak chec his Engine has b ittion. All applicat flor component ice	2160 West C Columbus, Ohi CRS# IKI der#: AM09779 A18-150 g O320-A2B he 100hr. Inspection it data as a guide. (80 #2) 70/80 #3) aced oil filter P/N fill W80 oil. If Filter Corp. ICA and plugl P/N STD k hormal. eeh inspected in a ble A.D.'s checket mentified above wa	10 43235-2526 BR028F N#: 4096Z Serial#: 18-8110 Serial#: L-13793-27 B Engine TT: 3117.4  On using Piper PA18 Inspection Guide P/N 230-202, dated July, 24  72/80 #4) 66/80 AA48108-2 (8130-3) cleaned oil suction screen, Serviced engine A.I.A.W. Form AFC-K007-ICA Revised 10/01/2000. D-1211 (8130-3) 1.A.W. Lycoming Direct Drive Overhaul Manual.  accordance with 100 hour inspection and was determined to be in d thru 2-612-0 a Claintenance Release" Is repaired and inspected in accordance with current Federal Aviation
	Regulations and Signature V	d was found airwo	END	CRS# IKBR028F
		4760 Aii	AA Certifier port Road, h	nature Engines, Inc. d Repair Station #E5ZR316Y Hangar #6 Cincinnati, OH 45226 USA -9966 fax: +1-513-871-9261
				SINE LOGBOOK ENTRY
		E8668-TDI Disassemble Magnafluxed with recertif bearings, ro- inspected ain for ring finisl included in performed I/ standards. E engine is appropriate	TSMO: Unkr d engine for control of camshaft d bearings, rud leak checket h and installed this work or AW FAA approngine run in to	del: O-320-A2B S/N:L-13793-27 W.O. nown to date since entry 3/2/2017 corrosion inspection. Engine articles cleaned, red. Inspected all parts. Engine reassembled t; overhauled oil pump; new: lifters, main od nuts & bolts, gaskets & seals. Cleaned, ed all cylinders. These cylinders were honed d with new ring sets. A complete parts list is reder and furnished to the customer. Work roved and/or OEM issued technical data and est cell to check operation and for leaks. This returned to service for work performed. END
				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 SIGNATURE & CERTIFICATE NO. OF P			
	South Delta Aviation			Helena-West Helena, AR 72390 870-572-9011			
	N4096Z Tach: 287.5			SMOH: 271.4	Date: 5-19-23 TTE: 3120.0		
	Replaced fuel li Performed grou 4=74. See AD	um pump and ca ne from strainer nd run up. All p list in aircraft re IS ENGINE HA WORTHY CON	rburetor. Recor to carburetor. I parameters found cords for details S BEEN INSPE IDITION.	ECTED IN ACCORDANCE WITH A 100 HOUR INSPE	ed wires, lines and hoses. Type M. Pre-oiled engine. up is - 1=74, 2=70, 3=76,		
	Michael D. Sch A&P3469189IA				-		
				•			
				<u> </u>			