

TTMOH 2939.80 1-11-76

- Piper PA24-260 -

- Lycoming IO-540-D4A5 -

- Book #2 -



ENGINE

AND PROPELLER LOG

N 8794P

SERIAL NO. L-1975-48

ENGINE DESCRIPTION

Mfgr.	Lycoming	Place	Date
Type	Horiz Opposed Direct Drive	Model	IO 540 D4AS
Serial No.	L-1975-48		
Rated H. P.	260	Maximum H. P.	Weight (Dry)
Rated R. P. M.	2700 SL	Maximum R. P. M.	Oil Pressure
Bore		Stroke	Displacement
			Cu. In.
Compression Ratio		Supercharger Ratio	Gear Ratio

Propeller	Hartzell	Hub Design	HCCZYK1BF	Hub Serial No.	CH-18508
Blade Design	F8467-7R	Blade Serial	D 32278	Blade Serial	
Maximum Hub H. P.		Maximum Blade H. P.			
Pitch		Diameter		Length	

Owner's Name

Address

City

State

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 86						
12-86		3449	99	TS MOT 990.7		
oil change & filter, compression 14/80 or better on all cylinders, plugs cleaned and gapped, vlv. nozzles cleaned, air valve replaced C/W A18426-02, timing checked, mufflers inspected for cracks none found, engine cover cleaned, prop checked and painted, gas checked ok. Walter Alexander A1932678						
				I certify that this <u>engine</u> has been		
				inspected in accordance with a <u>100 hr.</u>		
				inspection and determined to be in airworthy		
				condition.		
				<u>Walter Alexander</u>		
				Walter Alexander		
				IA 1932678 AD		
1-22-87		3478	95	changed oil - 10 qts Phillips XC - WFA		
4-23-87		3507	28	changed oil - 10 qts Phillips XC - WFA		

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REPAIRS --- ADJUSTMENTS

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 88						
1-4-88				Tach reads 3579.4 I certify that this ^{engine} aircraft has been inspected I/A/W annual inspection and determined to be in an airworthy condition for flight SR 442647408 I/A		
3-24-88		3601		Changed Oil - 10 qts - Phillips XC	W. Harris Jr	
5-21-88		3627		Changed oil - 10 qts Phillips XC	W. Harris Jr	
11-7-88		3654		Changed oil - 10 qts Phillips XC	W. Harris Jr	
11/23/88		3658		Replaced Left Mag with Remanufactured Bendix 56CN200 P/N 10-163010-10, SN J288816 ER. And installed new drive cushions. Timed engine.	Ronald A. Nelson A8P441629127	
1-4-89		3680.91		Changed oil - 10 qts Phillips XC	W. Harris Jr	

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IOths			
2/10/89	tach	32	70.96		Replaced Crankshaft Seal, cleaned oil screen, cleaned oil filter, gunked down engine with safety solvent, checked and gapped all plugs. Compression test as follows: 1- 70/80, 2- 75/80, 3- 50/80, 4- 75/80, 5- 74/80, 6- 75/80. I certify that this engine has been inspected in accordance with an ANNUAL INSPECTION and found to be in airworthy condition.	Richard Roden	
5/8/89	tach	3	692.73		Replaced oil thermostatic valve PN 53E19600 heated can of oil to 200°F & checked gage. Gage reading is accurate.	Richard Roden ATP 441629127 IA	
5/8/89	tach	3	692.73		Replaced oil temp. probe.	Richard Roden ATP 441629127	
8-1-89			3708	85	Changed oil 10 qts Phillips XC	William J.	

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ENGINE LOG

DATE 19 90	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1-15-90		3742	24	Changed Oil - 10 gts - Phillips XC	W. Harris	
3-16-90	tach	3756	34	TS MoH 1292.05. Cleaned oil screen, Cleaned, gapped, and tested all plugs. Replaced one inch cabin heat air duct. Compression checks as follows: 1-75/80, 2-75/80, 3-75/80, 4-78/80, 5-76/80, 6-74/80. I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition	Ronald W. Kelly A7P941629127 AI	
8-19-90		3772	00	Changed Oil - 10 gts Phillips XC	W. Harris	
10-22-90		3806	65	Changed Oil - 10 gts Phillips XC	W. Harris	
2-23-91		3833	34	Changed Oil - 10 gts Phillips XC	W. Harris	

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
4/11/91	Arch	3840.36	TSMOH, 1380.97	Cleaned gapped and tested all spark plugs. Cleaned oil lines, replaced all fuel and oil hoses. Compression checks as follows: 1-75/80, 2-77/80, 3-77/80, 4-77/80 5-74/80, 6-75/80. Engine run up all checks ok. I certify that this engine has been inspected in accordance with an Annual Inspection and found to be in Airworthy Condition.	Ronald D. Podin ATP441629127 AS	
9-13-91		3862	92	Changed oil, 10 gts Phillips XC	W. Shivers Jr	
2-16-92		3891	91	Changed oil, 10 gts Phillips XC	W. Shivers Jr	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 92						
5-7-92	Tack reads 3913.4			Filled vicks painted face of propeller, cleaned oil screen, no ferrous material found, replaced induction air boot with new one, cleaned air filter, compression $1 \frac{7}{8}$ #2 $\frac{7}{8}$ #3 $\frac{7}{8}$ #4 $\frac{7}{8}$ #5 $\frac{7}{8}$ #6 $\frac{7}{8}$ replaced 8 spark plugs, with new ones, checked magneto timing found OK, cleaned fuel screen, secured governor cable, secured engine baffles, replaced exhaust bolts in ball joint, engine ground run leaked and static check OK. I certify that this engine has been inspected in accordance with ground inspection and determined to be in an airworthy condition. W. H. Smith AP 442647908JA		
6-11-92		3925	36	Changed oil, 10 qts. Phillips XC	W. H. Smith	
8-15-92		3952	19	Changed oil, 10 qts. Phillips XC	W. H. Smith	
10-6-92	Tack 3966.9			Replaced starter with overhauled unit SN 2042402		
	Functional tested OK			W. H. Smith AP 442647908JA		
12-30-92		3982	96	Changed oil, 10 qts Phillips XC	W. H. Smith	

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ENGINE LOG

DATE 19 93	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
6-22-93				Tack reads 4009.1 Filed vicks from propeller, changed oil and cleaned screen, no ferris material found, installed 10 gts Phillips 20W-50, flushed oil cooler, cleaned air filter, compression #1 $\frac{74}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$ #5 $\frac{78}{80}$ #6 $\frac{76}{80}$ cleaned and gaped sparkplugs, checked magneto timing, patched crack in engine cowling, cleaned fuel screen, Complied with AD 93-02-05 Fuel Injection lines, by inspection, next inspection due 4109.1 Engine ground run leaked and static check OK, I certify that this engine has been inspected in accordance with annual inspection and determined to be in an airworthy condition. W. J. [Signature] 442643908ZA		
11-27-93		404001		changed oil, 10 gts, Phillips xc	W. J. [Signature]	
3-15-94		406661		Changed oil, 10 gts, Phillips xc	W. J. [Signature]	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 94						
7-17-94	Tack reads 4081.1			File nicks point face of propeller, Compressor check #1 73 40 74 #3 70 #4 74 #5 76 #6 74, Removed #3 cylinder due to sticking exhaust valve, replaced exhaust stud work done by Elvino Aviation 121 Run OK, reinstalled with new gaskets, cleaned and gaped spark plugs, Complied with AD 93-09-05 Fuel Injector lines, by inspection and next inspection due 4181.1 I certify Engine ground run and leaked a heck OK, I certify that this aircraft has been inspected in accordance with annual inspection and return to be in an airworthy condition. Robert AD 442647408 ID		
9-3-94	409575			Changed oil, 10 gts, Phillips XC	W. Harvish	
10-8-94	4105-			Replaced vernier mixture control + cable assembly.		
10-11-94	Tack 4106.50			Replaced alternator bearings + brushes, test run goes		
				Robert (Paul) AD 406114125 ID		
7-14-95	4127 68			Changed oil, 10 gts, Phillips XC	W. Harvish	

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ENGINE LOG

DATE 19 95	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
8-2-95	Tach	4127.8	SMOH 1668.6	Filed nickles from propeller, polished face, greased, Changed oil and cleaned screen, no ferris material found Serviced with Phillips 20W50, replaced air filter, Compression ^{#1} 7 ⁷⁵ / ₈₀ ^{#2} 7 ⁷⁵ / ₈₀ ^{#3} 7 ⁷⁵ / ₈₀ ^{#4} 7 ⁷⁵ / ₈₀ ^{#5} 7 ⁷⁵ / ₈₀ ^{#6} 7 ⁷⁵ / ₈₀ Cleaned and gaped sparkplugs, replaced one, Complied with AD 93-02-05 Fuel Injector Lines, by inspection, next inspection due 4227.8 or annual, AD 95-07-01 Connecting Rod Bolt, N/A by time overhauled, AD 94-14-13 Detonation, N/A by "N"umber, Complied with AD 94-01-03 Bendix Maynotes by inspection, late coils and rotor previously installed. Engine ground run leaked and static check OK. I certify that this engine has been inspected in accordance with annual inspection and determined to be in an airworthy condition. <i>[Signature]</i> AP 442647908 FA		
MAUGAS	Tach	4131.39		Adjusted idle mixture and speed. ops checks good. Arapahoe Aero W.O. 11740 <i>[Signature]</i> A:P 476562029		

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ENGINE LOG

DATE		DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19			HOURS	IOths			
12-5-95			4152	92	Changed oil - 10 gts Phillips XC	W. H. Smith	
11 JAN 96			4164	81	REMOVED ALTERNATOR + INSTALLED NEW BRUSH BLOCK ASSEMBLY. REINSTALLED ALTERNATOR. INSTALLED NEW ALTERNATOR COOLING DUCT. RUN UP + OPS CHECK GOOD. W/O 12100 J. H. Smith	W. H. Smith	
2-8-96			4176	49	Changed oil - 10 gts Phillips XC	W. H. Smith	
7-6-96			4206	03	Changed oil - 10 gts Aero Shell 50	W. H. Smith	
9-7-96			4220	-	Changed oil - 10 gts Aero Shell 50	W. H. Smith	

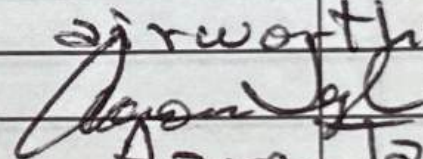
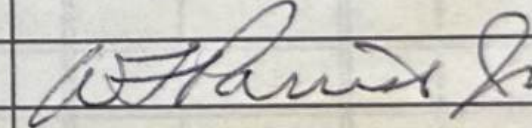
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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
10-25-96	TACH READS 4224.40			CLEANED / INSPECTED / GAPPED ALL PLUGS. CHECKED MAG TIMING OK. CLEANED OIL SCREEN, INSPECTED EXHAUST SYSTEM, CLEANED FUEL SCREEN, INSPECTED PROP FILED NICKS. PERFORMED COMPRESSION CHECK, ALL CYLINDERS 27/80. CLEANED ENGINE, TEST RUN, CHECKED FOR LEAKS, NONE FOUND THIS DATE 10-25-96 Morgan Fuller A+P 46117723		
				END		
10-28-96	Tach reads 4224.4			S M O H 1765.2 Complied with AD 93-02-05 Fuel Injector lines, by inspection, next inspection due 4324.4, Complied with AD 68-08-01 Exhaust Muffler, by inspection, next inspection due 4274.4 I certify that this engine has been inspected in accordance with annual inspection and determined to be in an airworthy condition		
				4421047408 IN		
9-20-97		4243	80	Changed oil. 10 qts Phillips XC 20-50	W. Harris Jr	

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ENGINE LOG

ENGINE LOG						
DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19 97						
12-9	4266	95	TI	1807.25 SMITH Inspected Fuel Injection Lines Per AD 93-02-05, Cleaned Threads for Spark Plugs in Cylinders, Cleaned & Gapped Plugs, Replaced No. 1 & No. 4 Top Plugs Chkd. Compn 72-76/80, Changed Oil w/ Aeroshell 40W Det. Chkd. & Cleaned Screen, Chkd. Timing, Replaced Eng. Baffle Seals, Replaced Exh. Flange Studs, Nos. 4 & 6 Cyls. Ground Run OK. I certify that this engine has been inspected in accordance with an annual inspection and was found to be in airworthy Cond.		
					 Aaron Tabor AEP 4673410 SO IA	
8-6-98		4298	23	Changed oil. 10 qts aeroshell 50W		
9-8-98		4312	93	Vernatherm replaced + seat refaced by Precision Aircraft - Centennial Airport, Denver, CO.		

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ENGINE LOG

DATE 19 98	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	IOths			
12-31	4331	56	changed oil, 10 qts Aero Shell 50W			W. F. Harris Jr	



Date: 01-25-99 **N Number:** N8794P

Tach: 4335.29 **TT Engine:** 4335.29 **TSMOH:** 1876.09

Description of Work Performed:

Performed a 100 Hour / Annual inspection of engine in accordance with our Single Engine Checklist. Changed oil and filter using N/A quarts of Aeroshell 50 weight oil. Performed compression, results as follows: 1) 72/80, 2) 72/80, 3) 70/80, 4) 74/80, 5) 68/80 and 6) 75/80. Cleaned, gapped and tested all spark plugs. CW AD93-02-05 Fuel injector lines effective date 06-14-93 By inspection next due at tach 4435.29. CW AD 84-26-02 Paper filters effective date 01-29-85 By installing new filter next due at tach 4835.29. Washed and ran engine to check for leaks and performance, found normal and returned to service.

I Certify that this engine has been inspected in accordance with an Annual inspection and it has been determined to be in airworthy condition.

Max D. Kleinschrodt
Max D. Kleinschrodt AP 476802692 IA

ENGINE LOG

POPLAR GROVE AIRMOTIVE, INC.

LICENSE
NUMBER

4383.56

TIME

N/A

AIRFRAME TOTAL TIME

6/21/99

DATE

N 8794P

1. Changed oil - check and clean screen - refill w/shell 100W.
2. Test ran - check for leaks.

David Noe

David Noe A&P344386227

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DATE

1. United States		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation • Federal Aviation Administration			3. System Tracking Ref. No. 3861	
4. Poplar Grove Airmotive, Inc. 11619 Route 76, Poplar Grove, IL 61065					5. Work Order, Contract, or Invoice Number. W.O. 3861-10	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Quantity	11. Serial/Batch Number	12. Status/Work
1	STARTER	MZ4218	Various	1	A104377	OVERHAUL
13. Remarks: Pertinent Details of Work Performed are on File Under W.O. Identified in Block #5 Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.						
14. New ☐ Newly Overhauled ☐ Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of part to be exported, the special requirements of the importing country have been met.			19. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.			
15. Signature:		16. FAA Authorization No.:	20. Authorized Signature: Fred Tegge		21. Certificate No.: YYBR664L	
17. Name (Typed or Printed):		18. Date:	22. Name (Typed or Printed): Fred Tegge		23. Date: 8/18/98	

FAA Form 8130-3 (11-93)

* (Optional) Installer must cross check eligibility with applicable technical data.

David Noe A&P344386227

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Acceptable documents.
JAA Form One are equivalent. Other c
aircraft maintenance records must contain an installation certification. In all cases
statements in blocks 14 and 19 do not constitute installation certification. In all cases
accepts parts/components from the Airworthiness Authority of the country specified
in block 1 it is essential that the user/installer work in accordance with the Airworthiness Authority of the country specified
Where the user/installer work in accordance with the Airworthiness Authority of the country specified
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THE AIRMOTIV
ROUTE 76
GROVE, IL 6
TEL (800) 397-8
TEL (615) 544-8

IVE, INC.

N 8794P

1. Installed overhauled MZ4218 sn A104377 starter

David Noe
David Noe A&P344386227

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ENGINE LOG

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"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS