

ENGINE LOG



PIPER

CUB

The World's Fastest Selling Airplane

Instructions for the Use of Log Book

Book 5

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, re-conditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N.C. 5250H
License No.

MANUFACTURER { Name *Aviation Corporation Lycoming Div*
Address *Williamport PA*

Model *0235C1* H. P. _____ Serial No. *708-15*
Stroke *3 7/8* Manifold Pressure { Normal _____
Bore *4 3/8* { Maximum _____

R.P.M. { Normal _____ B.H.P. { Normal _____
Maximum _____ Maximum _____

Gear Reduction Ratio _____ Rotation of Propeller _____
Certified Correct _____ Date _____

OWNER { Name _____
Address _____

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

ENGINE LOG

REMARKS

SIGNATURE

8/1/88

TOTAL TIME: 1831:15 / AIRFRAME T.T 2596

ENGINE WAS REMOVED FROM PIPER
PA-12 N 2349M, ENGINE WAS COMPLETELY
DISASSEMBLED AND ALL PARTS WERE INSPECTED
I AW LYCOMINGS SERVICE/OVERHAUL MANUAL,
CRANKCASE HALVES AND THE ACCESSORY
HOUSING WERE INSPECTED BY PENN YAN AERO
AND WERE YELLOW TAGGED, THE CRANK SHAFT
WAS INSPECTED, MAGNAFLUXED AND YELLOW
TAGGED BY PENN YAN AERO, ALL OTHER
STEEL PARTS WERE INSPECTED AND
MAGNAFLUXED BY ENGINE AIDES, 3 CYLINDERS
WERE OVERHAULED BY PENN YAN AERO, 1
CYLINDER WAS OVERHAULED BY ENGINE
AIDES, ALL CYLINDERS WERE BORED OUT

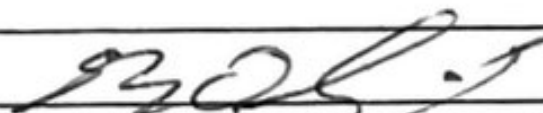
CONT. NEXT PAGE

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ENGINE LOG

REMARKS	SIGNATURE
<p>TO .010" OVER STANDARD, ENGINE WAS REASSEMBLED USING THE FOLLOWING NEW PARTS: CAMSHAFT, LIFTERS, ROCKER ARMS, ROCKER SHAFTS, CRANK SHAFT GEAR, CONNECTING ROD BOLTS, PISTONS, PISTON PINS + PLUGS, RINGS, MAIN BEARINGS, ROD BEARINGS, INTAKE VALVES, EXH. VALVES, VALVE SPRINGS, VALVE KEEPERS, SLUDGE TUBES, ALUMINUM OIL PUMP GEAR, OIL PUMP IDLER SHAFT, GASKET SET, HARDWARE, PRIMERS + PRIMER LINES, FUEL LINE, IGNITION HARNESS, SPARK PLUGS, INDUCTION AIR FILTER, ALL RUBBER HOSES.</p>	
<p>ALL ENGINE ASSEMBLED IAW LYCOMINGS SERVICE/OVERHAUL MANUAL. ENGINE WAS INSTALLED ON PIPER PA-16 N5250H, NEW RUBBER MOTOR MOUNTS</p>	CONT. NEXT PAGE

ENGINE LOG

REMARKS	SIGNATURE
<p>WERE USED, MAGNETO'S WERE USED BUT WERE IN SERVICEABLE CONDITION, STARTER WAS INSPECTED IAW LYCOMINGS MANUAL AN WAS FOUND TO BE IN SERVICEABLE CONDITION, GENERATOR WAS OVERHAULED LOCALLY, INSTALLED NEW GENERATOR BELT AND NEW VOLTAGE REGULATOR, INSTALLED NEW SENSENICH WOOD PROP #W74 FM 49 S/N AB 2477 USING NEW PROP BOLTS, ENG. WAS SERVICED WITH QTS OF OIL, ENG. WAS TEST RUN ON THE GROUND AND WAS FOUND TO OPERATE NORMALLY IN ALL MANNERS.</p>	
ENGINE TOTAL TIME: 1831:15	 146469374 IA
TIME SINCE MAJOR OVERHAUL: 00 HRS.	

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ENGINE LOG

REMARKS

SIGNATURE

8/1/88

TT: 1831:15

TSMOH: 00

THIS ENGINE WAS INSPECTED IAW
AN ANNUAL INSPECTION AND WAS FOUND
TO BE IN AIRWORTHY CONDITION

[Signature]
146469374 IA

1990 - 23 JUL 90

COMPRESSION CHECKED - 76 77 76 75 / 80 - 1.3.2.4.
TAPPET CLEARANCE CHECKED IAW LSI 1068 A
OIL STRAINER CHECKED - PLUGS INSPECTED -
CARB HEAT CHECKED - INDUCTION FILTER CLEANED
AD'S THRU 90-13-12 CHECKED TU: 2050 STATIC

CONTINUED NEXT PAGE →

1990

ENGINE LOG

REMARKS

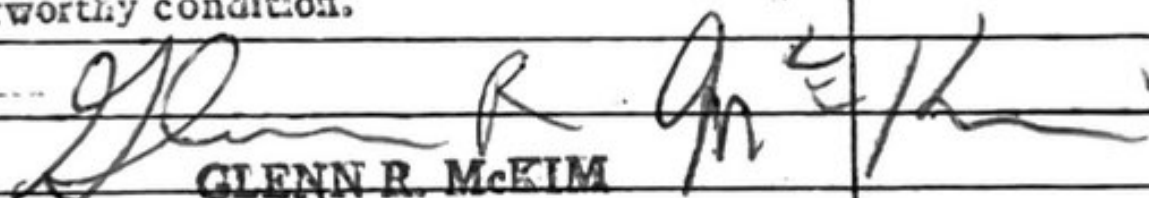
SIGNATURE

CONTINUED FROM PREVIOUS PAGE

DATE 23 JUL 90 TIME IN SERVICE 1914

835M0H

I certify this ~~engine~~ engine has been inspected in accordance with a ~~169 hour~~ annual inspection and was determined to be in airworthy condition.


GLENN R. MCKIM
IA 349125 A&P

Engine Serial

N C

Date Year Mo. Day	R. P. M.		Ground Time		Air Time		Total Time	
	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
91 July 14	Washed engine, gapped plugs, cleaned screens, new exhaust gaskets installed. Compression checked as follows: ① 80/80 ② 79/80 ③ 77/80 ④ 78/80							
I certify this engine has been inspected in accordance with an annual inspection and found it to be in an airworthy condition.								
2007.2 TT 176.2 SMOH			[Signature]			520608968 AEA		
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
November 17, 1991 removed magnetos for rebuild and AD compliance. Magnetos overhauled by Central Cylinder Service CRS MY2R022L. Details of repair under work order 5397. Yellow tags and work order is in aircraft records. Reinstalled magnetos using new gaskets, set timing 20° BTDC. Installed 8 new REM40E sparkplugs. Ran up engine mag drops 50 RPM.	[Signature]
2132.7 TT 301.7 SMOH	AE 520608968 IA

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Engine Serial

N C

N 5250H

N/A	HOURS
2563	TOTAL TIME
N/A	HOBBS
732	S.M.O.H.
01/24/2000	DATE

1. Compression 1)) 75/- 2) 78/- 3) 78/- 4) 78/80
2. Changed oil-check screen-refill with 15-50 Shell
3. Check mag timing
4. Check exhaust system
5. Check airbox and filter
6. Check engine controls
7. Wash down engine
8. Ground run up

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL INSPECTION
 AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION.

David Noe
 David Noe IA344386227
 POPLAR GROVE AIRMOTIVE, INC.

TOTAL TIME

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N 5250H

2592.7	TOTAL TIME
N/A	TACH
761.7	SMOH
01/26/2001	DATE

1. Compression 1) 72/- 2) 79/- 3) 78/- 4) 79/80
2. Removed both magnetos or 500 hr inspection - S/N 546165 and
3. Removed oil sump, induction tubes, exhaust system and rear acc case -
4. Oil changed - check and clean screen - refill with 100W plus oil
5. Check airbox and filter
6. Check engine controls
7. Wash down engine
8. Exhaust system checked per AD68-05-01
9. Ground run up

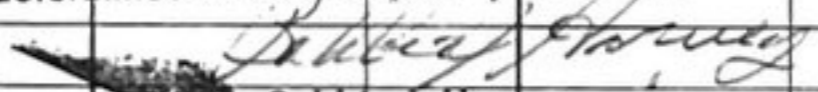
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH AN ANNUAL INSPECTION
 AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

David Noe
 DAVID NOE IA344386227
 POPLAR GROVE AIRMOTIVE

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Engine Serial

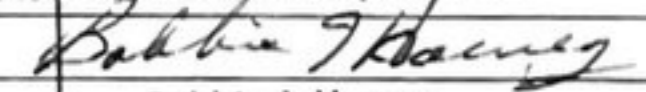
N C

Date Year Mo. Day	R. P. M.		Ground Time		Air Time		Total Time	
	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
May 06 2002			26	46.5	1hr	53.8		
Annual inspection completed. Checked by AD for compliance. Checked by AD for compliance. Checked by AD for compliance.								
I certify this <u>Log</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.								
 Bobbie J. Harvey Insp. Auth. 1258204								
TOTAL TIME								

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ENGINE LOG

Time 3393.7

REMARKS	SIGNATURE
Apr 03-2003 Time 3393.7 ST Eng 2648.6 Time Log 2.1 Annual inspection completed. Checked by AD for compliance. Checked by AD 68-05-01 for muffler - OK by AD.	
I certify this <u>Log</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.	
 Bobbie J. Harvey Insp. Auth. 1258204	

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Engine Serial

N C

Date	R. P. M.		Ground Time		Air Time		Total Time	
	Year	Day	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
14 May 2004	TT - 3401.7	Eng TT - 2656.6	SMOH - 825.6	Hrs Last Year - 8				
Annual Inspection complied with this date. Comp. test 1. 72/80 2. 79/80 3. 69/80 4. 72/80. Drained oil and removed screen. No contamination found. Refilled with 6 qts W80 oil A/S. Checked AD's. Checked and lubed all controls. Washed down engine. This engine was inspected IAW an Annual Inspection following the scope and detail of FAR 43 app. D. and is returned to service. Ronald R. Gray IA504028835								
14 Jun 05	TT - 3408.2	Eng. TT - 2663.1	SMOH - 832.1	Hrs Last Year - 6.5				
Annual Inspection CW this date. Comp. Test ① 65/80 ② 78/80 ③ 66/80 ④ 70/80. No oil change. Checked and lubed all controls. Cleaned, gapped, tested, and rotated plugs. Checked fuel screens, drained carb. This engine was inspected IAW an Annual Inspection following the scope and detail of FAR 43 app. D and is returned to service. Ron Gray IA504028835								
TOTAL TIME								

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ENGINE LOG

REMARKS	SIGNATURE
23 Aug 2006 TT - 3434.6 Eng TT - 2689.5 SMOH - 858.5 Last Year - 26.4 Annual Inspection CW this date. Comp. test. ① 68/80 ② 76/80 ③ 72/80 ④ 68/80. Changed oil and checked screen. 6 qts A/S W100 oil. Checked and lubed all controls. Cleaned gapped, tested, and rotated plugs. Checked fuel screens and drained carb. This engine and prop were inspected IAW and Annual Inspection following FAR 43 app. D and is returned to service. Ronald R. Gray IA504028835	
1 Sep 2007 TT - 3451.6 Eng TT - 2706.5 SMOH - 875.5 Last Year - 17.0 Annual Inspection complied with this date. Compression test. ① 70/80 ② 75/80 ③ 74/80 ④ 71/80. Changed oil and cleaned screen. 6 qts. A/S W100. Checked carb and cleaned screen. Checked and rotated plugs. Checked all wiring. Checked exhaust & intake systems. Checked AD's. Annual Inspection CW Following Scope and Detail of FAR 43 app. D and returned to service. Ronald R. Gray IA504028835	

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Engine Serial

N C

ENGINE LOG

Date	R. P. M.		Ground Time		Air Time		Total Time	
	Year	Day	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.

10 Oct 08 TT-3483.6 ETT-2738.5 ESMOH-907.5 Last Year - 32.00

Annual Inspection complied with this date. Compression test:
 ① 67/80 ② 76/80 ③ 75/80 ④ 66/80. Drained oil and checked
 screen. No contamination found. Refilled with 5 qts W80
 AIS oil. Cleaned, tested, rotated plugs.

Checked carb & cleaned fuel screens. Annual Inspection CW Following
 Checked electrical system and wiring. Scope and Detail of FAR 43
 Checked exhaust system. Checked AD's. appt D and returned to service
 Ronald R. Gray IA504028835

Ronald R. Gray IA504028835

16 Nov 09 TT-3492.1 ETT-2747.0 ESMOH-916 Last Year - 8.5

Annual Inspection CW this date. Compression Check: ① 68/80 ② 75/80 ③ 72/80
 ④ 69/80. Cleaned test rotated plugs. Inspected intake and
 exhaust systems. Inspected engine electrical system and wiring. Checked AD's.
 This engine & prop were inspected IAW an Annual Inspection following the scope & detail

TOTAL TIME of FAR 43 app. D and returned to service. Ronald R. Gray IA504028835

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REMARKS	SIGNATURE
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15 Mar 2011 TT-3493.6 Eng TT-2748.5 ESMOH-917.5 LY-1.5

Annual Inspection CW this date. Compression check ① 66/80
 ② 72/80 ③ 70/80 ④ 67/80. Cleaned, tested & rotated plugs.
 Inspected intake & exhaust. Checked mag timing. This engine & prop
 were inspected in accordance with an Annual Inspection following
 the scope & detail of FAR 43 app. D and are returned to service.

R. Gray IA 35578437A

1 Apr 2012 TT-3497.7 Eng TT-2752.6 ESMOH-921.6 LY-4.1

Compression check: ① 70/80 ② 71/80 ③ 70/80 ④ 75/80. Cleaned tested
 and rotated plugs. Inspected mag timing. Inspected intake & exhaust
 systems. Inspected prop. This aircraft, engine & prop were inspected
 IAW an Annual Inspection following the scope & detail of FAR 43
 app. D and is returned to service. R. Gray IA 35578437A

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Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
6	May	2018	AFT-3538.1	Eng. II-2783.0	ESMOH-952.0					
Annual Inspection complied with this date. Compression check: ① 71/80 ② 72/80 ③ 74/80 ④ 74/80. Cleaned, tested and retorted plugs. Inspected intake and exhaust systems. Checked timing. Checked engine electrical system & wiring. This engine & prop were inspected in accordance with an Annual Inspection following the scope & detail of FAR 43 app D and found airworthy this date. N by AP7557843 IA										
TOTAL TIME										

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ENGINE LOG

REMARKS	SIGNATURE
1 Aug 2019 - AFT-3540.1 Eng. II-2795.0 ESMOH-954.0 Annual Inspection complied with this date. Compression check: ① 69/80 ② 70/80 ③ 74/80 ④ 74/80. This engine and prop were inspected in accordance with an Annual Inspection following the scope and detail of FAR 43 app D and found airworthy this date. N by AP7557843 IA	
16 Apr 2022 AFT-3541.6 Eng. II-2786.5 ESMOH-955.5 Annual Inspection complied with this date. Compression Check: ① 62/80 ② 70/80 ③ 68/80 ④ 72/80. Cleaned, tested and retorted plugs. Inspected intake & exhaust systems. Checked timing. This engine and prop were inspected in accordance with 14 CFR 43 App D and found to be airworthy this date. N by AP3557843 IA	

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