

NG18PM

The Standard



ENGINE LOG

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER LYCOMING MODEL O-290-D

SERIAL 1751-21 TYPE CERTIFICATE 229

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT _____

MINIMUM OCTANE FUEL 80 OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME 25° POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

The Standard



ENGINE LOG

ORIGINAL LOGS BOOKS LOST. ESTIMATED TOTAL
-TIME- 1950. HRS S.M.O.H. - 933. HRS.
Walter Snyder BOJ-1566205

Log recovered - logs corrected for shrinkage - see 5-1-92 entry

semester 31

DATE 1987	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9-24	808. hrs			COMPLETED 100 HR INSPECTION. CHECKED COMPRESSION, ALL CYLINDERS ABOVE 70 LBS. CHANGED OIL - AEROSHELL 50W, CLEANED & OILED PLUGS - INSPECTED EXHAUST ENGINE MOUNTS BATES. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAR-43 APPENDIX D - CONDITIONAL INSPECTION AND FOUND IT IN CONDITION OF SAFE OPERATION. Walden J. Miller AOP-1666785

[illegible]

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-4-98				AD# 96-09-10 - AD# 81-18-04-A2 Oil Pump Impeller Improvement As Per LYC SB# 381C - 385C - 455D, 456F And 524 Reassembly Accessory Case As Per Service Manual Donald Johnson AIP 1491860
				ENTER ON FILE UNDER WORK ORDER NO. 15242 ALLEN COUNTY AVIATION CORP ALN 2133C 700 Airport Drive • Allen County Airport • Lima, OH 45804 Donald Johnson PTH 1491860

[illegible]

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-15-2000				
Install owner furnished venturi as per AD# 93-18-03				
Precision SB# MSA-2. Clean interior of carb. Metal				
float is installed in this carb. Checked torque on				
throttle arm screw, resafety arm and screw as per				
AD#72-06-05-R2.				
w/p 15835 Donald L. Luman AP 1491860				

DATE 2004 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
June 6	2161.8	2163	2163.8	Changed oil & looked over engine
July 13	2162.4			Perform engine check over and Airframe/Engine Annual
Sept 1, 2007	2163.4			will have engine Changed oil and removed from miniplane Airframe
				Minor Prop Strike - will fix
Sept 15, 2007				Removed engine from miniplane airframe -
May 7, 2008	2163.4	2164.6	2164.6	Took Engine to Phil's Cylinder Service for AD 04-10-14 & MSB
				475C Mal-Gear

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S.)

ENGINE

Brookville Ohio 45371

MODEL: O-290-D

T.S.N: ~~REDACTED~~ T.S.O:

T.S.N: ~~REDACTED~~ T.S.O: ~~REDACTED~~

1. C/W AD 04-10-14 AND MSB 475C MODIFIED GEAR IAW 475C FIG 5
2. REPLACED CRANK GEAR BOLT LOCK AND DOWLE PIN
3. TIMED CAM TO CRANKSHAFT
4. INSTALLED ASSY CASE
5. CHECKED CRANKSHAFT RUNOUT FOUND TO BE .003 TIR

The maintenance identified above has been inspected in accordance with FAA regulations and is approved for return to service.

SIGNATURE: PHILLIP SCADDEN IA A&P 400062798

DATE 7/20/12	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8 Aug 2008		Tach Reads	29	Eng. T-2109.6 SMOH 309.6 This Engine Installed on NC3648M (PA-12) PAW STC SA202EA (See 337) Serviced with 6qts Shell 50wt. (checked Exhaust. checked mounts Installed new Air Filter. Replaced pieces of Soot Hose. I certify, That This Engine Has been Inspected In Accordance with An Annual Inspection And was Found Airworthy ——— <u>Chp. AIP 604549113 DA</u> ———

DATE	R
2009 19	
Tach	
IT (Eng)	
Smith	

DATE 19__	RECORDING TACH TIME	SMAK TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2025	65		65	Cylinder Compression - 1-79 2-78 3-77 4-62 Change oil at 59 hours Shell 20/50 with cam guard & checked screws. Found no cracks or leaks. installed new spark plugs I certify that this Engine has been inspected in accordance with section D of Part 43 & found to be in safe condition for flight.
				John M. ...

John Moore A4P 169 4425
8/20/25