

N19711 #2

EA-ELB

ENGINE LOGBOOK

ENGINE DESCRIPTION

MANUFACTURER Lycoming MODEL 0-320-E2D

SERIAL NUMBER L31422-27A DATE OF MANUFACTURE _____

RATED BHP/SHP/THRUST 160 RPM 2700 MANIFOLD PRESSURE _____

FUEL REQUIRED OCTANE/PERFORMANCE 100 ALTERNATE FUEL _____

PROPELLER SER. NO. 720288 DATE INSTALLED _____

REGISTERED OWNER Barry L. Overholser

STREET & NO. 344 Castlewood Ave

CITY, STATE, ZIP Dayton, Ohio 45405

DATE PURCHASED _____ DATE SOLD _____

REGISTERED OWNER _____

STREET & NO. _____

CITY, STATE, ZIP _____

DATE PURCHASED _____ DATE SOLD _____

TBO HOURS _____ LAST OVERHAUL DATE/HOURS _____

CAN. REG.

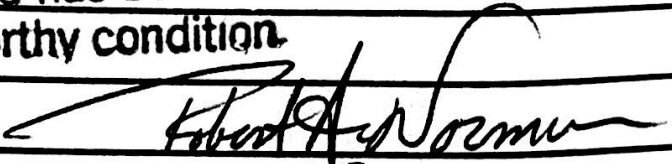
INSPECTION OR MAINTENANCE PERFORMED
AGENCY & CERTIFICATE NO.

3-9-1992		Tack Time 1552.15 hrs Removed Carb., mdl. MA-45PA, P/N 10-5062M
		S/N CC 72051 for C/w Precision Airmotive Bulletin MSA-2 Rev. 1. Leo Rader AEP 1850666.
3-17-92		Tack 1552.15 hrs Reinstalled Carb, after Chydesdale Aircraft
		corp C/w S.B MSA-2RI. MSA-1RI P/w. Grd operation
		checked ok. Leo Rader AEP 1850666. end
3-17-92		Flight tested A/C after carb installation. operation normal
		Leo Rader comm cert. #1764621 end
7-14-92	1574.21	changed oil - Aero Shell 15 W 50 detergent / flr
5-23-93	1617.67	changed oil - Aero shell 15 W 50 detergent / flr
10-26-93	1636.0	changed oil filter. cut open - no contamination - Replaced
		with CH48110. Replaced starter bendix with EBB 75A unit.
		Installed new Alternator belt P/N #1597-1-37.5, tensioned & softed
		Alternator. Replaced left mag. - installed slick S/N 98090295
		mdl./no. 4371. Grd run eng. - NO oil leaks, starter operation normal,
		and mag operation normal. Released eng in an airworthy condition.
		Leo R. Rader Jr. AEP Mech 1850666

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6 NOVEMBER 1993		CHECKED ENGINE (CHECKED)
		COMPRESSION ① $\frac{80}{74}$ ② $\frac{80}{76}$ ③ $\frac{80}{77}$ ④ $\frac{80}{71}$
		REPLACED SPARK PLUGS WITH NEW REM 40E SET
		DRAINED GASOLINE INSPECTED HEAT SHIFTER, (EX
		SY SYSTEM TIGHTENED 1/2" CLAMPS ENGINE GROUND
		RUN & CHECKED O.I.C.
		I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be airworthy. Cert. #
93-18-03	MA 4 ONE PIECE RETURN 1/11-92	1016367-40 Time in service Hrs. 1636.64
92-15-16	DEFECTIVE FROM 1/11-92	John W. Walker
6-6-94	1665.2	changed oil - Shell 15/50 + new filter CH 48110

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-12-96	1712:93	Compression Checked #1 $\frac{74}{80}$ #2 $\frac{71}{80}$ #3 $\frac{73}{80}$ #4 $\frac{79}{80}$ Timing CKD @ 25° Cleaned & Gapped 7 Plugs Replaced 1 Plug with New REM 40E - Changed oil & filter Serviced with 7qts Aeroshell 15/W50 & CH 48110. Inspected old filter, No Defects Noted. Tightened oil Pan Bolts & Nuts - Inspected Induction Filter - Dressed Prop - C/w AD 96-09-10 Oil Pump Gears P/c/w Aluminium & Steel installed Replace by 2000 SMOH on July 15, 2001 Applicable AD'S CKD & C/w thru 96-22 I certify that this Event Prop has been inspected I/A/W A 100 hour <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. <div style="text-align: right; margin-top: 10px;">  AIP 298164021JA </div>
	SMOH	347:73
	SPOH	347:73

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
12-04-97	1804.68	389.48 SMOH; Propeller SMOH 389.48; 100hr. inspection completed
Tack Time 1804.68TT 1804.68		IAW FAR 43 Appendix "D"; Compression #1 77/80, #2 77/80, #3 77/80, #4 75/80
I certify that this <u>Engine</u>		cut open filter - NO metal; Retimed L. Mag to 25° BTC; Repositioned
has been inspected in accordance		Case vent tube in clamps to insure slot in tube is free from clamp;
with an <u>100hr/Annual</u> inspection		Retorqued all rocker cover screws; tightened primer line fittings; c/w
and was determined to be in an		AD 84-26-02 Air filter - par (a) Replacement due 1832.0, c/w par (b) by
airworthy condition.		inspection due next Annual/1904.68; AD 91-14-22 crankshaft gear due
Signed <u>Leo Radu</u>		on Demand - Propstrike, tip loss, sudden stoppage/at @O.H.; AD 97-01-13 Hose - NA none installed;
IA 1850666	Date 12-04-97	AD 97-15-11 Piston Pin - NA (NO maint on cyl. done after Dec 15, '95); checked AD's thru 97-23;
		Replaced oil cooler hoses with Stratoflex 111-6; Replaced fuel hose from gascolator
		to carburetor with Stratoflex 111-8; washed eng & cooling, 9rd Run. end
12-04-97	1804.9	Test flew AK to test, check hose integrity -ok. <u>Leo Radu</u> Released for normal service in an airworth condition. ASP 1850666 IA

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

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-21-98	TACH 1833	89
		OIL and FILTER CHANGE. INSPECT OIL FILTER,
		NO METAL FOUND. INSTALL NEW CHELLE FILTER
		AND SERVICE ENGINE WITH 8 qts. OF AEROSHELL
		15W-50 OIL. C/W AD 98-02-08 ENG. CRANKSHAFT
		INSPECTION, NO CORROSION FOUND, NEXT INSPECTION DUE
		8-21-03. ALL WORK PERFORMED MSB 5058. GROUND RUN,
		LEAK CHECK PERFORMED. EMD.
		KMS, [Signature] AWP 242640047 14

12-24-1998 Tach 1854.7, Total time 1854.7, SMOH 439.50; Propeller SMOH 439.5; Drained oil and changed

Tach Time 1854.7 TT 1854.7
 I certify that this Engine
 has been inspected in accordance
 with an TECH/ANNUAL inspection
 and was determined to be in an
 airworthy condition.
 Signed [Signature]
 LA1850606 Date 12-24-98

filter - Cut open filter, no metal - Reserviced with Aeroshell 15W50 oil and CH48110
 filter; Replaced clamp on carb heat collector; Retimed Right Mag to 25° BTC; Dressed
 Prop blades and checked track-ok; Replaced faulty Alternator (low output) with
 DOFF 103005, S/NA 892153, O.H by Aerotech Cert. # PU4R4534; Differential Compression
 #1 78/80, #2 78/80, #3 78/80, #4 77/80; AD 91-14-22 Crankshaft - due O.H. / on demand; AD 98-
 01-06 carb vent uri - NA - (P/C/W); AD 98-02-08 crankshaft, P/C/W (see entry dated 8-21-98)
 AD 98-17-11 Textron Crankshaft - NA (Eng not disassembled between Feb 1, 95 - Dec 31, 97);

AD 98-23-01 vac. pump, NA; — checked AD's thru 98-25; washed eng & cool, Gnd Run, leak checked, Alternator 23
 operation normal.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
10-30-99	1897.84	Changed oil + filter - Aero Shell 5w 50 + Champion Filter CH 48110 - chkd for leaks, run-up chkd ok <i>Blr</i>
11-24-99	Tach 1899.3, Total time 1899.3, SMOH 484.1;	Propeller, SMOH 484.1; 100hr inspection completed this date; cut open filter from above oil change (no metal); Differential compression: #1 77/80, #2 78/80, #3 78/80, #4 76/80; Replaced clamp on EGT probe; Replaced induction filter element BA6108; Retimed both mags to 25° BTC; Replaced 2@ J7444-14 bond mounts for cowling; Replaced cowling door hinge PIN 0552010-14; AD 91-14-22 Crankshaft gear - due on demand - Propstrike, tip loss, sudden stoppage, and @O.H.; AD 96-09-10 Pac (C)(1) due 2000 eng T.T. since O.H, or by July 15, 2001; AD 98-02-08 Crankshaft pitting - due 08-21-2003; washed engine and cowling; checked AD's Thru 99-23
<div style="border: 1px solid black; padding: 5px;"> Tack Time <u>1899.3</u> TT <u>1899.3</u> I certify that this <u>Engine</u> has been inspected in accordance with an <u>100hr/Annual</u> inspection and was determined to be in an airworthy condition. Signed <u>Lee Reder</u> <u>LA-185066</u> Date <u>11-24-99</u> </div>		
10/13/2000	1926.1	changed oil + filter - Aero Shell 5w-50 + Champion Filter CH - 48110, run up - chkd for leaks - ok <i>Bary & Orshuler</i>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-22-00	TACH. Time 1927.1	PERFORMED Compression Check ON engine: #1 77/80, #2 77/80, #3 77/80, #4 79/80. Checked Ignition Timing. PERFORMED INSPECTION OF CYLINDERS, CRANKCASE, INDUCTION SYSTEM, AIR AND FLUID LINES AND ELECTRICAL WIRING. Removed CABIN HEAT MUFFLER SHROUD. INSPECTED INTERNAL MUFFLER FOR CRACKS. INSPECTED REMAINDER OF EXHAUST SYSTEM. INSPECTED ENGINE CONTROLS AND LUBRICATED. INSPECTED ENGINE ACCESSORIES. CHECKED CARBURETOR AIR FILTER. INSPECTED ALTERNATOR DRIVE BELT. A.D.'S CHECKED THRU 11-2-00. NO NEW APPLICABLE AIRWORTHINESS DIRECTIVES. Re-Curing A.D.'S NOT APPLICABLE AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION. Gary D. Bluen A&P IA # 311826667.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
3-15-01		Remove Engine From Aircraft. Remove oil
Tach	1935.4	Sump + Rear Case For oil Pump Inspection.
Smooth	520.2	Found P/N 05K19423-5 oil Pump Gear Kit + 7853)
		Pump Housing was Installed. Pw \$I 1341 By Drilling
		oil Feed Hole. Pw \$I 1164 a one piece oil Pump
		Body. Assemble Engine with new Gaskets +
		service with 8QT 15W50 Aeroshell + CH4811 Filter
		Remove Exhaust system + send to Dauley Aviation
		For overhaul. Install Exhaust system with new
		77611 Gaskets. Carb Heat Shroud Repaired By Dauley
		Aviation. Remove 2 wipers From oil Pressure Relief
		Valve To Reduce oil Pressure From Red Line. Replace
		Carb Heat Box Seal P/N 0552130-11. Ground Run
		+ OPS Check Good
		Wm. R. Brown AIP 278388837
9/1/2001	1971.2	Changed oil + Filter - CH-4811 Aeroshell 15/50

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
11-19-2001	1987.5	Performed 100 Hr Inspection IAW Cessna 172
SMOH	572.3	Series Service Manual & Check List. Replace
		Rubber Boot on Starter Cable - Install new Stand-
		By Vacuum Shuttle Valve - see A/C Log. Researched AD's
Fix Filter Due		Compressor #1 74 / #2 75 / #3 78 / #4 95
Tach 2099.3		oil & Filter not changed at this time
		Waynes. Grew A/P 278388837IA
		DATE 11-19-01 TACH 1987.5 TOTAL 1987.5 SMOH 572.3
		I CERTIFY THAT THIS AIRCRAFT, <u>ENGINE</u>
		PROP. HAS BEEN INSPECTED IN ACCORDANCE
		WITH AN <u>Annual</u> INSPECTION AND WAS DETER-
		MINED TO BE IN AIRWORTHY CONDITION.
		Waynes. Grew A/P 278388837IA
7130/05/2170		changed oil & filter - Aeroshell 15/50
		+ CH - 48111-1

INSPECTION & MAINTENANCE RECORD

DATE <i>2002</i>	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
<i>11-12-02</i>	<i>2046.13</i>	<p>Compression checked #1 ⁷⁴/₈₀ #2 ⁷⁰/₈₀ #3 ⁷⁴/₈₀ #4 ⁷⁰/₈₀. Cleaned & Gapped Sparks Plugs - Timing CKD @ 25° L & R. No oil changed at this time. Inspected Exhaust & Induction System. Lubed All ENGINE Controls - Washed ENGINE & Cowling Down - Dressed Prop. Installed new BA 6108 Air Filter.</p> <p style="text-align: center;">AD 98.02-08 Crankshaft Pinning Doc @ 8 of 2003 Applicable AD's CKD thru 2002-22 F</p>
<i>SMOH</i>	<i>630.93</i>	<p>I Certify That this <u>ENGINE & Prop</u> Has Been Inspected I/AW A 100 Hr/Annual Inspection And Has Been Determined To Be In An Airworthy Condition</p>
		<p><i>Robert A. Nanna</i> AIP 2986640217A</p>
<i>7-29-03</i>	<i>2070.48</i>	<p>changed oil + Filter - CH 48111 + 8 qts AeroShell <i>15/50</i></p>

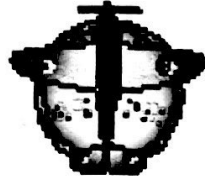
BAP Aircraft Maintenance**937-847-9556****Engine Log entry N19711****12-03-2003 Tach Time 2082.77 TSMOH 667-57**

Inspected engine in accordance with the Cessna Maintenance Manual for a 100-hour inspection. Cleaned gapped and rotated all plugs. Checked magneto timing. Drained oil. Inspected filter for metal. Installed new filter and serviced engine with 8 quarts of Aeroshell 15W50. Compression check taken as follows; #1 77/80, #2 77/80, #3 76/80 and #4 74/80. Replaced clamps on carb heat shroud. Complied with AD98-02-08 dated 03-30-98 by inspection of crankshaft for corrosion with no defects noted at this time. Next due 12-2008. I certify that this engine has been inspected in accordance with a 100-Hour/Annual inspection and found to be airworthy at this time and approved for return to service.

Bill Hatton IA292621258

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
9/16/04		Installed new Concorde battery



Norman Aviation

1200 Fairview Road
Zanesville OH 43701
740.454.1615

DATE: 12/15/04

REGISTRATION NO. N19711

TACH TIME: 2145:75

ENGINE LOG ENTRY

Compression checked #1 74/80, #2 70/80, #3 73/80, #4 72/80, Cleaned and gapped spark plugs, installed new ignition harness PN M4001. Changed oil and filter, inspected old oil filter, no defects noted. Serviced with 8 qts AeroShell 15W50 and CH48111-1. Tightened up alternator belt. Inspected exhaust and induction systems. Installed new air filter element PN BA6108. AD98-02-08 Crankshaft I.D. for pitting next due DEC 2008. Applicable AD's checked thru 2004-24FF. I Certify that this ENGINE AND PROPELLER has been inspected I/A/W and ANNUAL INSPECTION and has been determined to be AIRWORTHY on this date.

Total Airframe & Engine & propeller: 2145:75, SMOH: 730:73

WORK ORDER #04-1708

Norman Aviation
Zanesville, Ohio
December 05, 2004

Authorized Signature: 
License #A&P298664021IA

AIRFRAME LOG

9-12-05 TRCH 2175-8 - REMOVES FAULTY
VACUUM PUMP, RAPLO PIN 211CC SIN 66355
+ INSTALLS NEW TEMPEST PUMP AA 3215LC
SIN N 29641. REPLACES CENTRAL FILTER WITH
NEW AIRBORNE 09-14-10 RELIEF FILTER
83-5-1. OPS CHECKS GOOD.

FL Jlob
ATP 269643629 JA