

ENGINE LOG



L/12

PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

Instructions for the Use of Log Book

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, reconditioning, 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 *73944*.....
License No.

MANUFACTURER { Name *Lycorning Air Aero Mfg Corp*.....
Address *Williamsport, Pa*.....

Model *IO-320-B1A*..... H. P. *160*..... Serial No. *R-997-55*.....

Stroke *3.875*..... Manifold Pressure { Normal
Bore *3.125*..... Maximum

R.P.M. { Normal *2350 cruise*..... B.H.P. { Normal
Maximum *2700*..... Maximum *160*.....

Gear Reduction Ratio *drive*..... Rotation of Propeller *clockwise*.....

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

chapline # 1161613

Oil CHARGE Mrs. 36.60 JHudson N.C

OIL CHANGE hrs. 53:10 PARKAIRE

Shard Hurb
ATLANTA, GA.

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

2/ Oct 64 T.T. 103 hrs -
 100 hr. insp completed this date
 changed oil checked screens 40 wt
 non detergent oil used insp intake
 f. of boost system, eng mounting,
 cleaned spark plugs, insp mag points
 greased prop. checked air pressure eng
 controls checked & found to be
 airworthy.

H. Martin
 ADP 1330994

16 Dec 64 T.T. 171 HRS
 changed oil

H. Martin
 ADP 1330994

ENGINE LOG

REMARKS

SIGNATURE

22 Jan 65

T.T. 204:95 hrs.

100 hrs. inspection completed
this date changed oil cleaned
screens, checked compression, prop
shaft mounting, intake & exhaust system
installed new air spark plugs.

A.D. NOTE 64-21-5 not C/W
IN FILE.

G. Martin
HSP #1330994

ENGINE LOG

REMARKS

SIGNATURE

23 Mar 65

245 HRS

50 hrs up c/w this date
Changed oil Cleaned screens
c/w A.D. 7/21-5
+ Hartzell hullerton # 88A.

H. J. Martin
RB 1535994

ENGINE LOG

REMARKS

SIGNATURE

5-18-65

Total Time 296:00 hrs

100 hr inspection completed this date in A/C Piper PA-30 inspection report. Piper service letter # 447 checked & found to be O.K. No A.D. notes that are not C/W to this date. Replaced alternate air box.

H. Martin
A/P 1330994

End

Total aircraft time 296:00 hours
date 5-18-65

I certify
that this aircraft has been inspected
in accordance with a periodic inspection and as determined to be in airworthy condition.

Edmund J. Holloway
A1280545

ENGINE LOG

REMARKS

SIGNATURE

6-22-65 T R 353:7 hr
50 hrs inspection drain
oil ch. screws cleaned &
Migap Plug. tighten up Eng.
& Wash down
W E Sanders
ATK 378621

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

27 July 65 T.T. 401 HRS
 100 hr inspection completed
 this date changed oil cleaned
 screens, replaced spark plugs
 checked compression cleaned
 fuel control valve screen,
 checked starter, generator and
 mag points, checked intake
 & oil pump system and eng.
 mounting washed down eng
 & ground check ok.

H. Martin
 ATP 1930894

5 Aug 65 AD Note # 64-9-5 c/w
 alternate air door modification.
 Piper Service Bulletin # 220

S.E. Mercer
 ATP # 1262139

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

16 Sept 6:15 T.T. 476:00 hrs

50 hr insps completed. Then
 Date changed oil cleaned
 screens, changed spark
 plugs, replaced starter drive
 + Rear shearing in starter
 washed carburetor.

P-1263325
 Austin A. Hayward

ENGINE LOG

REMARKS

SIGNATURE

30 Oct 65 T.T. 536 hrs

100 hr insp completed
this date in A/W Riser
insp report. replaced exhaust
valve #3 cyl. due to low H. Martin
compression. This insp found ATP 1330994
to be airworthy at this time

ENGINE LOG

REMARKS

SIGNATURE

22 Dec 65

T-T

608 hrs

Changed oil Cleaned screen

Washed down eng.

H. Martin

H 1330884

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

18 Feb 66

T.T. 6541

100 Hour INSP completed in Alw
Piper INSP form for PA 3014/e
oil changed filled with 40wt.
Grey Band also ENG mounts
Replaced.

B.E. Mercer
ATP 1262139

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

3-18-66

204:18hr

changed Engine oil this
date, filled to 8 qt. 50 wt.
R.O.D.

Lester Wapner Jr

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

J.T. 705.53
Removed Bendix servo fuel injector
S/N 5038 for compliance with
S/B # 18 and reinstalled. Ran up
Engine & made final adjustments

This Aircraft and/or component identified above was repaired and inspected in
accordance with current Civil Air Regulations and was found airworthy for return
to service.

Pertinent details of the repair are on file at this agency under work order No.

36103
Repair Station No. 287

Date 3-21-66

Signed

J. W. Halderson

For

SOUTHERN AIRWAYS COMPANY CERTIFICATE NO. 287

ATLANTA AIRPORT, ATLANTA, GEORGIA

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

12 MAY 1966

T.T. 765 HRS

100 hr INSP Completed this
date in A/W PIPER INSP REPORT
Replaced push rod housing seals
#1 AND #2 cyl. Replaced Fuel
pump vent hose. installed oil
Quick DRAIN. Checked Compression.
50 WT. Red BAND oil used.

H. Martin
ATP 1330994

Total aircraft time 765.00 hours
date 13 May 1966 I certify
that this aircraft has been inspected
in accordance with an annual inspection
and was determined to be in air-
worthy condition.

[Signature]

IA 1280593

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

6-29-66 T.T. 812: 88

50 HR. INSP. COMPLETED

THIS DATE I/A/W

PIPER INSP. REPORT

OIL CHANGED 50 W N.D.

P-126332

N. Newwood

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

15 Sept 66

T-T- 876 HRS

100 hr insp completed in
H/W supervising report.
Replaced spark plugs, changed
oil, changed screen, set new
mags, # 2 & # 4 push rod
knocking pins replaced. tail
pipe hangers replaced.

H. Martin
H/P 1330994

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

DATE 10-11-66

T-T 928

50 HR. INSP COMPLETED

THIS DATE T/A/W

PIPER INSP. REPORT

oil chg. 50 W N.D

P-1263325

J. H. Hegwood

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

ENGINE LOG

9 Nov 1966

REMARKS

TT 976.00

SIGNATURE

100 hr insp completed in accordance with ~~per~~ aircraft inspection Reports. Checked Engine for A/D notes. New drain hose installed, new brushes installed in starter.

L. D. Thurgelton
app 1280595

ENGINE LOG

REMARKS

SIGNATURE

24 Jan 67

T.T. 1044-87

50 hrs in Camp this
date.H. J. Martin
ASP 1330994

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

ENGINE LOG

REMARKS

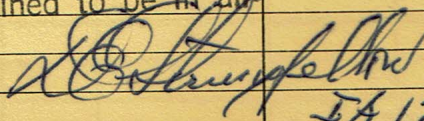
SIGNATURE

25 April 1967

T.T. 1095.56

ANNUAL INSP COMP THIS DATE
IN A/W PIPER INSP REPORT. USED
50 WT REG OIL, REPLACED PUSH ROD
HOUSING SEALS # 2 CYL, PAINTED
ENG MOUNT ABOVE EXH PIPE, SERVICED
PROP & PAINTED INST NEW AIR CLEANER,
WASHED DOWN ENG & GROUNDS CMT. WT.

ENG
Total ~~aircraft~~ time 1095.56 hours
date 25 April 1967 I certify
that this aircraft has been inspected
in accordance with a ~~annual~~ inspect-
ion and was determined to be in air-
worthy condition.



JA 1280593

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

6-19-67

T.T. 1133.

50 hr. inspection completed
this date in Apr pipes
inspection form. oil changed,
oil screen cleaned & plugs
cleaned.

Derald P. Shaw
P 1419815

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

8-30-67

T.T. 1221:00

100 hr. inspection completed
 this date in the Piper inspection
 form. oil changed oil screens
 checked & cleaned, plugs cleaned &
 gapped, compression checked. O.K. Replaced
 spark real. Prop. Seal. Oil Cooler
 Waffle, all rocker box cover sockets,
 valve push rods bearing sockets &
 exhaust hangers. Washed engine
 & ground checked. O.K.

Gerald R. Shon
 ADP 1419815

I certify that this Engine
 has been inspected in accordance with
 a Annual inspection and
 was determined to be in airworthy condition.

Total Time 1221 HRS

Robert L. Martin

29 AUG 1967

I.A. 1330994

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

T2CT 130541

100 HOUZ INSP. COMPLETED THIS DATE 12/16/67
 IN ACCORDANCE WITH PIPECAT INSP. REPORT
 CHANGED OIL ~~TO~~ W STANDARD INST-
 5 PUSH RID TUBE SEALS, PROP SEAL
 & SLUDGE PROP WASHED ENGINE 9200 IN
 FUEL FOUND TO BE FIT WORTHY

Billy Jensen ATP 1786625

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

4-9-68

TOTAL TIME 1336 HRS

MAJOR OVERHAUL ENG CONSISTING
OF THE FOLLOWING, COMPLETELY DISASSEMBLED ENG
CLEANED MAGNAFLUXED STEEL PARTS & MIKED TO MFG'S
SPEC'S. REPLACED ALL VALVE EXHAUST, STD RINGS &
BEARINGS, GASKET SET, INSTALLED NEW ENG FUEL PUMP
OVERHAUL PROP GUY, & FUEL INJECTOR SERVO & EXCHANGED
PROP FOR OVERHAUL UNIT WITH HARTZELL, NEW ENG
MOUNT RUBBERS INSTALLED, OVERHAUL MAGNETOS, STARTER
& GEN. NEW SET SPARK PLUGS INSTALLED, USED 40 WT
CAMY BRAND OIL, ENG RUN ON GROUND FOR ONE HOUR
ADJUSTED CHECKED & FOUND TO BE AIRWORTHY AT
THIS DATE. INST NEW PISTONS & ROD BOLTS
Billy F. Smith A+P 17D 6625

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

11-8-68

T.T. 1487.44

100 HRS INSPECTION C/W NEW PIPER INSPECTION REPORT
REPLACED ALL PUSHROD + ROCKER BOX SEALS, REPLACED
ENGINE SEAL + PROP SEAL, REPLACED ALL SPARK
PLUGS, REPLACED INTAKE AIR FILTER + CHANGED OIL
(50 WT MOBILE RB) CLEANED SCREENS. ALL OTHER
MAINT PERFORMED.

Albert S. Marshall A + P # 1731233

I certify that this ENG
has been inspected in accordance with
a ADULT inspection and
was determined to be in airworthy condition.

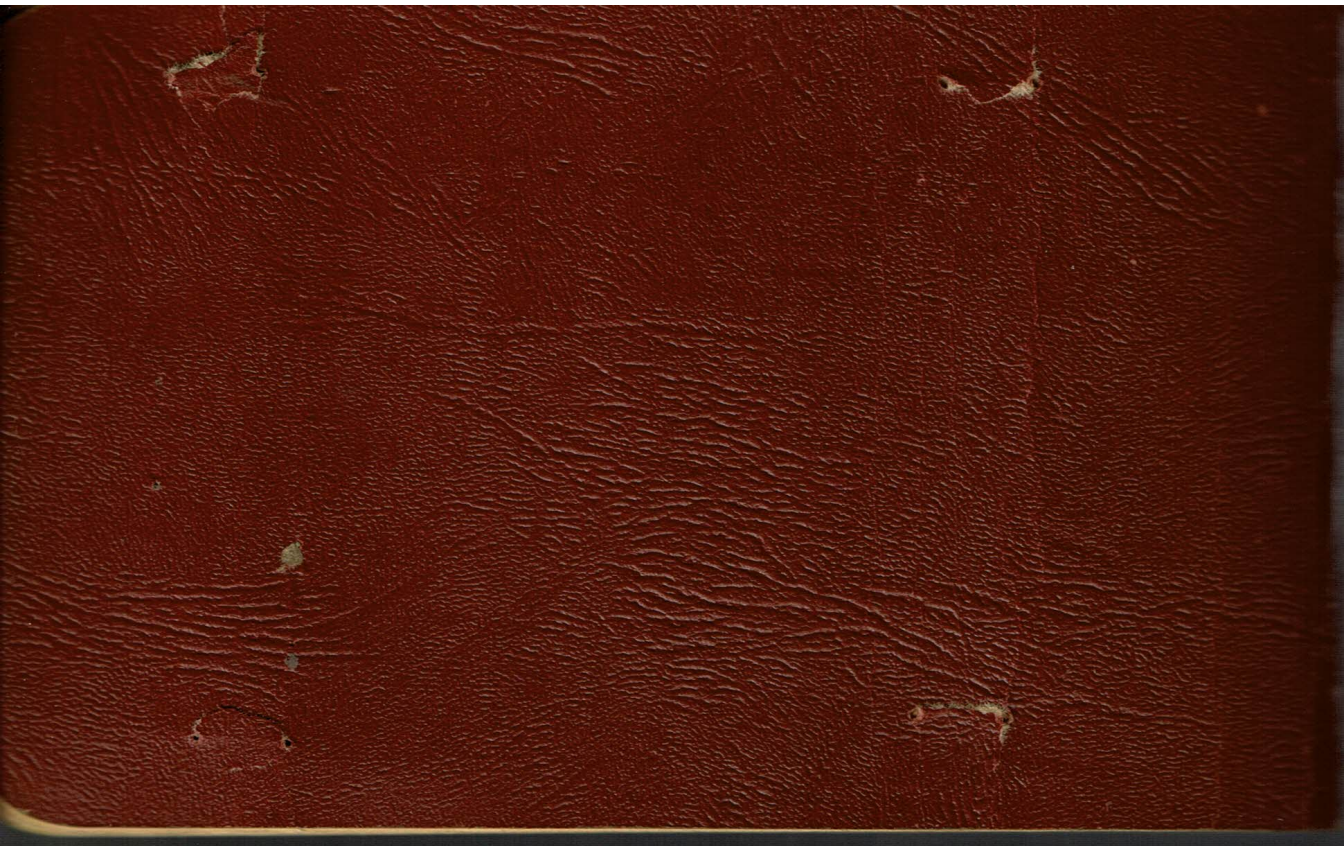
Albert S. Marshall
T.A. 1330494

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

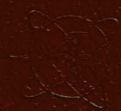
1

REMARKS

64-16-5 P/c/w
65-3-3 P/c/w
66-20-4 N/A by S/N
67-22-6 P/c/w
73-23-1 & Rev. N/A by S/N
75-8-9 Oil pump drive N/A by S/N WEDM 1175129 5-16-78
75-9-15 Fuel injector flow divider NA. BY PART NO. 2529158-2
73-7-4 Bendy Mag. coil P/c/w



The Standard



ENGINE LOG

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER

Lycoming

MODEL

IO-320-B1A

SERIAL

2997-55

TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT

N7394Y

MINIMUM OCTANE FUEL

OIL GRADE SUMMER

WINTER

MAGNETO TIME

POINT SETTING

FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT

HOURS.

The Standard



ENGINE LOG

DATE 1969	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.)
1-23		T.T. 1573		100 HR. inspection completed
	Time since Major			this date in APU Piper Inspection
			237 HRS	Report. oil changed, oil screen
				Ref. & cleaned. All plugs cleaned
				& gapped, Compression Check, O.K.
				Replaced inlets, exhaust hoses, Replaced
				push Rod seals & Locks, cover gaskets on
				#2 & 4 Cyls., Replaced front tappet,
				Replaced prop. gov. gasket & Replaced oil
				Cooler return hose, Eng. Washed & run,
				ground Check, O.K.
				Albert J. Squire A & P # 1732233

[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.)
0-16	1686			100 hr. insp comp. This date in A/CW a pipe insp report replaced one tail pipe hanger. Eng. found to be in airworthy condition Wallace R Flowers A&P 1260473
				I certify that this <u>EAG</u> has been inspected in accordance with a <u>Mural</u> inspection and was determined to be in airworthy condition. R D Strong fellow JA/280595-

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.)
19 <u>71</u>				
Feb 3				ENGINE Total aircraft time 1781.91 hours date Feb 3, 1971. I certify that this engine has been inspected in accordance with a 100 inspection and was determined to be in air worthy condition. Checked A.D.S. through 71-26 Install new blade in prop by Atlanta prop shop. Replace push rod housing seal on #1, 3, 4, 2, cyl. Replaced crankshaft seal & prop seal. Change oil with SAE mobil oil. and cleaned all screens. Compressor Check #1 72/80 #3 70/80 #2 74/80 #4 76/80

Henry D. Webb #1842050 (over)

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.)
				ENGINE
				Total aircraft time 1761.91 hours
				Date Feb 3, 1971 I certify
				that this ENGINE has been inspected
				in accordance with a annual inspect-
				ed and was determined to be in air-
				worthy condition.
				<i>[Signature]</i>
				FAI 280595

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.)
				may 31, '71 Set timing & checked points on both mags Replaced spark plugs Wigie H. Ray a & p 1874855

DATE 19 <u>72</u>	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.)
1/31	1907.			100 Hr insp. Completed - oil ok no change - fuel & oil screens cleaned - spark plugs cleaned & reset - No up ok - Compression checked - #1 - 78/80, 2 - 78/80, 3 - 78/80, 4 - 78/80 - Eng. cleaned & open - chkd -
				I certify that this <u>Eng.</u> has been inspected in accordance with a <u>100 Hr</u> inspection and was determined to be in airworthy condition. Date <u>1/31/72</u> Total Hours <u>1907.</u> Name <u>RL White</u> A & P 161080

DATE 73	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.)
3/20 1997.				100 Hr. insp. Complete - Comp. checked all cyles. 78/80
				I certify that this Engine has been inspected in accordance with a 100 Hr. inspection and was determined to be in airworthy condition. Date 3/20/93 Total Hours 1997.
				Name <u>RE Whit</u> A & P 161080

[illegible]

[illegible]

[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.)
19 73 4/20/73	27AC		2444.0	Changed oil Cleaned screen Changed altimeter air line & filled Compression Check all 76/80 passed with 50w newshell oil test run O.K. I certify that this engine has been inspected in accordance with a 100 hr inspection and found it to be in an airworthy condition I exp. to 2444.0 DATE 4/20/73 R. J. Davis ASP 1536824

DATE MO ____	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.)
				Compression ck: 1-72, 2-75, 3-78, 4-78 change oil, clean screen, install new REM 40 E plugs, new contacts & cond. in L&R mag., clean fuel injection nozzles, set idle mixture
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSP. IN ACC. ORDANCE WITH A <u>100 hr.</u> ^{engine} INSP. & WAS FO UND TO BE IN AIRWORTHY CONDITION.
			2550.0 tach	WEM: Laughlin AdP/1175129 5-17-78

[illegible]

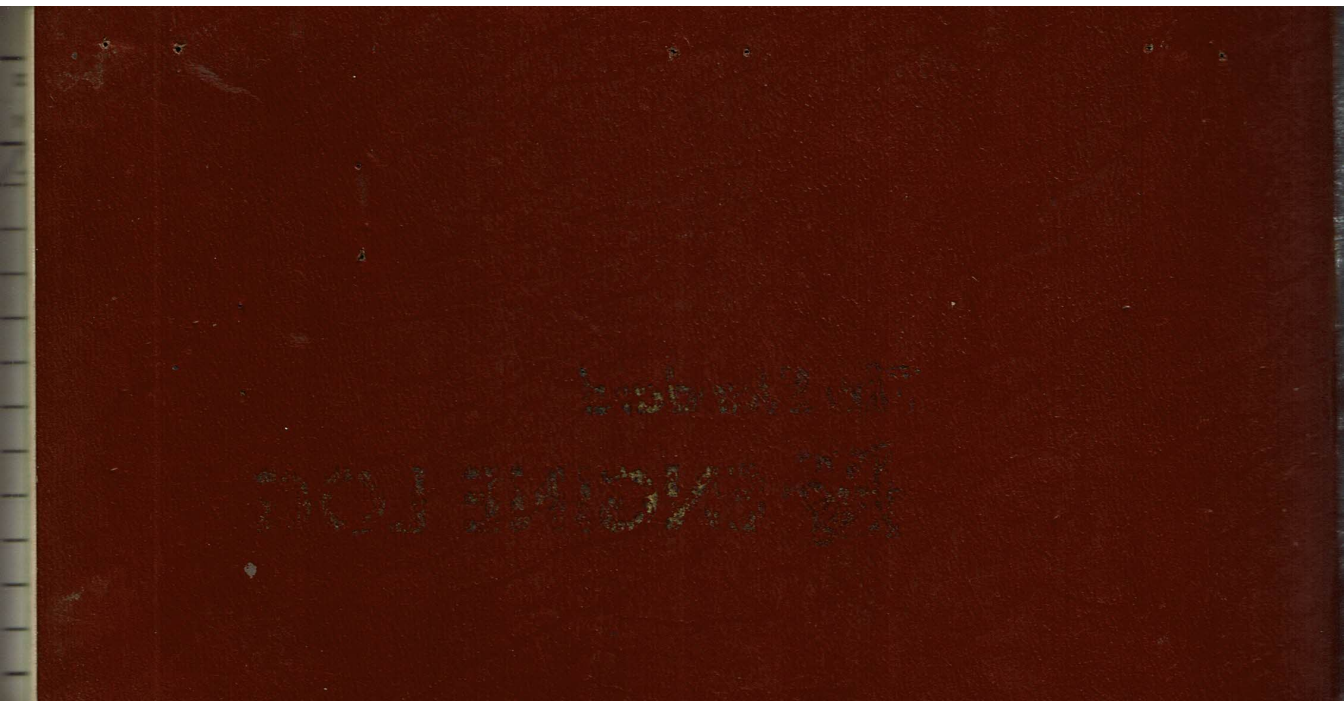
DATE TH	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify that this aircraft-engine has been in- spected in accordance with a <u>100 H2</u> inspection and was determined to be in airworthy condition.
				<u>6-9-49</u> <u>[Signature]</u> Date Mechanic
				<u>A1170738</u> <u>2799.0</u> <u>246:00</u> <u>1463:5904</u> Number Total Time Total Time Last 12 Mo.
				<u>2796:0</u> Tach Time
				Oil changed this time and engine change flying gear

[illegible]

[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.)
10/10/79	2832:20			PROP REMOVED FROM ENG FOR OVERHAUL AND CHECKING
—	—			DUE TO GEAR UP TOUCH & GO IN WHICH PROP CAME
—	—			IN CONTACT WITH RUN WAY - Al Ed Sawney AIP140455R
—	—			END — — — — —
10/11/79	2832:20			DIAL INDICATOR CHECK OF SHAFT RUN OUT PERFORMED PER
—	—			OWNERS REQUEST - SHAFT RUN OUT CHECKED TO BE within
—	—			MEG'S Recommended Tolerances - Al Ed Sawney AIP140455R
—	—			END — — — — —
1/29/80	2832:20			PROP S/N B2-3155 INSTALLED ON THIS ENG AFTER OVERHAUL
—	—			by MEMPHIS Propeller Service, MEMPHIS, TENN AS # 710-21 - SEE
—	—			yellow TAG ATTACHED TO REAR OF THIS PAGE - Al Ed Sawney AIP140455R
—	—			END — — — — —

DATE TR__	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 16, 1981				Oil Changed, Screen Checked. Filled 7gts Quasshell 50 H. Jack reads 2883.4 hrs. Rob L. Faust A473124814122
U	O	L	D	
S	E	E	N	E
L	O	G	A	R



44 ENG
279

The Standard



ENGINE LOG

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL ~~P220~~ 10-370-B1A (2)
 SERIAL 30-451 (LH SIDE) TYPE CERTIFICATE _____
 THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT _____

MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____
 MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____
 SPARK PLUG GAP _____
 MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

"Left Side"

The Standard



ENGINE LOG

[illegible]

DATE 1980	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.)
16 Nov 80	2840.0			
				Oil changed, screens cleaned, spark plugs, cleaned, capped, replaced, fuel pumps drained, all accessories cleaned, inspected, repaired, control cables, HT muffs cleaned, inspected, adj. repaired
				DATE <u>16 Nov 80</u> TOTAL TIME <u>13.0 TSO.</u> I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HRC</u> INSPECTION PROCEDURES AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. SIGNED <u>[Signature]</u> A & P <u>2010320</u>

DATE 1981	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.)
10 JUN 81			2874.0	DRAIN & SERVED CRANKCASE, CLEANED & GAPPED PLUGS, REPLACED C/S SCAL, THIS ENGINE HAS BEEN IN- SPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION THIS DATE 10 JUN 81 Herschel D. Vail, Jr. A & P 2010328
June 16, 1981				Oil changed & screen checked. Filled 7 qt. Newell Tach Reads 2885.8 hrs. Dale R. Faust A & P 51248147

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.)
July 21, 1981				Right Mag removed & overhauled using new points, cond. and coil. Reinstalled, timed to engine, ground run. Operation tested found Satisfactory. Dale R. Faust ACP 512481472
July 23, 1981				Fuel injection unit removed for overhaul. Reinstalled 7-28-81, Operation tested found Satisfactory. Dale R. Faust ACP 512481472
Sept. 12, 1981				New AD list attached to rear of log. AD's current as noted thru 81-18 Dale R. Faust ACP 512481472

DATE 198L	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.)
24 OCT			2942.3	WASH. ENG. CHANGE OIL, CLEAN FUEL, OIL & AIR INTAKE FILTERS, CLEAN 2 GAP PLUGS, CK. COMPRESSION #1 68/80 #2 75/80 #3 77/80 #4 70/80 REPLACE OIL COOLER LINES, REPLACE CRANKSHAFT SEAL CK. & SET TIMING. RETORQUE PROP GOV. CK. ALL ENG. CONTROLS, CK. ENG. MOUNTS, RETORQUE INTAKE COUPLINGS C/W AD 92-20-01 ON MAG'S CK OK.
				James H. Eason I.A. 1640373

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.)
				EASOM AIRCRAFT SERVICE
				NEWTON, MISS.
				I certify that this <u>ENGINE</u> has been inspected
				in accordance with a <u>100 HIR</u> inspection
				requirements and was determined to be in airworthy
				condition.
				Tach. Time <u>2942.3</u> Total Time <u>2942.3</u>
				Time Since Overhaul <u>119.8</u>
				James H. Easom
				<i>James H. Easom</i>
				L. A. 1640373

[illegible]

DATE 19 <u>83</u>	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 NOV	2988.0		2988.0	WASHED ENGINE CHG. OIL, CLEAN FUEL, OIL & AIR INTAKE SCREENS, CK. ALL ENG. CONTROLS, CK. EXH. SYS. CK. COMP. #1 78/80 #2 78/80 #3 72/80 #4 77/80, SERVICED WITH B&T Aero Shell 100W. REPLACED SEAL ON VAC. PUMP. DRIVE, CK. MAGS & TIMING.
				James H. Eason I.A. 1640373

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)
				EASOM AIRCRAFT SERVICE NEWTON, MISS.
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR.</u> inspection requirements and was determined to be in airworthy condition.
				Tach. Time <u>2988.0</u> Total Time <u>2988.0</u> Time Since Overhaul <u>165.5</u>
				James H. Easom <i>James H. Easom</i> (L A. 1640373)

DATE 19 <u>84</u>	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.)
<u>000</u>			<u>3067.7</u>	WASHED ENGINE CHANGED OIL CLEANED FUEL, OIL & AIR INTAKE SCREENS CLEANED & GAPPED PLUGS, CK. MAGS & TIMING, INSTALLED NEW BRUSHES IN STARTER. OVERHAULED GEN. CK. EXH. SYS. CK. ENG. MOUNT. CK ALL ENG. CONTROLS, CK. EXH. SYS. CK. COMP. #1 78/80 #2 78/80 #3 74/80 #4 76/80, LUBRICATED PROP.

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
19 84				EASOM AIRCRAFT SERVICE NEWTON, MISS.
14 DEC				I certify that this ENGINE has been inspected in accordance with a 100 HR inspection requirements and was determined to be in airworthy condition.
				Tach. Time 3067.7 Total Time 3067.7
				Time Since Overhaul 2451.2
				James H. Easom James H. Easom A. 1640373

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.)
7-23-85		Tach 3147.9		Changed oil & cleaned screen. Serviced with 7 Qts. of Aeroshell w 100, 50wt. Replaced starter with overhauled unit. Installed PN M24218R, SN 3120249 overhauled by Airborne under w.o. #5498. cleaned Fuel nozzles & Inj. inlet Fuel screen. Repaired crack in #2 exhaust stack. Washed engine run up & ops checked, checked good. [END]
				Ronald L. Dem AIP 587154128

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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES)
1986				
22 Feb	3177.8			WASHED ENG. CHG. OIL, CLEAN FUEL OIL & AIR INTAKE SCREENS, CK. ALL CONTROLS, CK. EXH. SYS. CK. MAGS & INST. ALL NEW PLUGS, CK. GEN. & STATOR
				EASOM AIRCRAFT SERVICE NEWTON, MISS.
				I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 HR</u> inspection requirements and was determined to be in airworthy condition.
				Tach. Time <u>3177.8</u> Total Time <u>3177.8</u> Time Since Overhaul <u>355.3</u>
				James H. Easom <i>James H. Easom</i> A. 1640273

[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.)
5-1-87	Tach	3236.3	T.T. 3236.3	TSMOH 413.8
	C/W	100 hr.	Insp. this date. Changed oil & cleaned screen. Serviced with 8 Qt. of Aeroshell w 100, 50wt. Replaced air filter. Cleaned Injector fuel inlet screen. Cleaned & gapped spark plugs. Compression is #1 $\frac{76}{80}$, #2 $\frac{78}{80}$, #3 $\frac{72}{80}$ & #4 $\frac{76}{80}$. Inspected exhaust system. Repaired broken air box mount. Removed magnetos & checked AD 73-07-04 rotating magnet & coils. Correct coils & magnets were installed. Marked magnetos for compliance per AD. C/W AD 74-26-09 magneto drive shaft bushing by installing new bushings PN 10-163049. Marked magneto for compliance per Bendix SB 556B. C/W AD 78-09-07R3 Impulse coupling Insp. Replaced over	

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.)
				Impulse coupling stop pins on both magneto's. Installed pin PN 10-56513. AD next due at 3736.3. Cleaned, lubed & retimed both magneto's internally & retimed to engine. Washed engine run up & ops checked, checked goal [END]
				I certify this <u>Engine</u> has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under W. O. # <u>1960</u> date <u>5-1-87</u> signed <u>Leonard L. Dean</u> <u>Att 587154128</u> for Dean Aircraft Services Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301 (601) 4857304.

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.)
	413.8	Smooth	3236.3	I certify this <u>Engine</u> has been inspected in accordance
				with a <u>annual</u> inspection and was determined to be in
				airworthy condition. Pertinent details of this inspection are on
				file at this agency under W. O. # <u>1960</u> date <u>5-18-7</u>
				signed <u>James E. Love</u>
				ALPA # <u>1819284</u> for Dean Aircraft Service,
				Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301
				(601) 485-7304.

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.)
--------------	---------------------------	------------------	-----------------------------	---

10-5-87

Tach

3297.2

Changed oil + cleaned screen. Serviced with
8Qts. of Aeroshell w100, 50wt. Washed engine run up
+ leak checked, checked good. [END]

Lionard L. Adam
A&P 597154128

5/25/88

Tach

3369.3

T.T. 3369.3 TSMOH 546.8

CLW A 100 hr Inspection This Date Changed
oil + ~~screen~~ Clean screen Serviced engine
with 8qts of Aeroshell w100 50 wt.
Replaced Air Filter Clean Injector
Fuel inlet screen clean + gapped spark plugs

OVER

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.)
				Compression is #1 $\frac{7}{8}$ 80 #2 $\frac{7}{8}$ 80 #3 $\frac{7}{8}$ 80 #4 $\frac{65}{80}$
				Inspected Exhaust system For cracks. Check mag timing
				Ad 78-01-07 R3 Impulse coupling Inspection due at 3736.3
				Replaced #2 #3 + #4 Rocker cover Gasket. Replaced prop
				Governor gasket + Prop Governor mounting pad to engine
				Gasket. Replaced #1 Exhaust gasket. Replace #3
				in take hose with new hose P/N 67603. Wash engine
				Run up + ops checked. Checked good
				<u>The End</u>
				<u>Over</u>

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.)
				I certify this <u>ENGINE</u> has been inspected in accordance
				with a <u>100 HR</u> inspection and was determined to be in
				airworthy condition. Pertinent details of this inspection are on
				file at this agency under W. O. # <u>2335</u> date <u>5/25/88</u>
				signed <u>Ronald Lee McCalley</u> for Dean Aircraft Service,
				Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301
				(601) 485-7304.
				<u>OVER</u>

DATE 1988	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.)
5-25-88	3369.7		3369.3	TSR0H 546.8 I certify this <u>Engine</u> has been inspected in accordance with a <u>visual</u> inspection and was determined to be in airworthy condition. Portion of this inspection are on file at this agency under W O # <u>2375</u> date <u>5-25-88</u> signed <u>James E. Robit</u> for Dean Aircraft Service, <u>IAA 9280</u> Inc., Meridian Municipal Airport, Meridian, Mississippi 39301 (601) 485-7304.

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.)
11-2-88	Tack Time		3425.4	Ran engine drain oil. Removed screen. Clean screen. Serviced engine with 8qts of Castrol 100 W 50 wt. oil. Work ✓ Ran engine. Start checked O.K. (Ronald Gene McSherry) A/R 428350695 ✓
11-2-88	Left Tack		3455.4	Clean all injector nozzles, installed + torque. Replaced exhaust flasket on #2 + #4 cylinder. Ran engine. Worked checked. checked. Good. The End ✓ (Ronald Gene McSherry) A/R 428350695

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.)
5/15/89	TACH 3465.4		T/SMOH 642.9	Performed 100 Hr Insp.
	I/A/W Piper 100 Hr. checklist.			Drained & Replenished oil
	with 8 Qts Aerashell 100W SAE50WT.			Removed Inspected
	cleaned & Reinstalled oil screen.			Replaced lower Right
	Eng. Mount (hard mount).			Cyl. Comp Test #1 ⁷³ / ₈₀ #2 ⁶⁸ / ₈₀ #3 ⁷⁴ / ₈₀
	#4 ⁷⁸ / ₈₀			Replaced Fuel Flow Divider line, Replaced Fuel
	Screen lines			Replaced #4 cyl. oil Return line Hose
	Replaced Left Exhaust Strap And Inspected General condition			of Cylinders, cooling Baffles, oil lines, Fuel lines
	Accessories And Engine Mounts For Damage And security			
	RAN Eng. ops & Leak checked, no leaks noted.			
1	2	1	END	1

[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.)
5-22-	89	Tach	3465.4	T.T. 3465.4 TSMO 14 642.9
				I certify this <u>Engine</u> has been inspected in accordance
				with a <u>Annual</u> inspection and was determined to be in
				airworthy condition. Pertinent details of this inspection are on
				file at this agency under W. O. # <u>2717</u> date <u>5-22-89</u>
				<u>Leonard J. Shaw</u>
				signed <u>IA 587154128</u> for Dean Aircraft Service,
				Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301
				(601) 485-7304.

DATE TH	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.)
4-2-90	Tach	3520.7	TSMOH 698.2	
oil screen.	Removed engine	Found		For repair after finding metal in center main bearing deteriorating.
Crankcase	was repaired by AJAX Aviation Inc, repair station # 210-58	under W.O. # 8059		dated 3-6-90. Crankshaft + rods were yellow tagged by Aircraft Engine + Accessory Co. Inc, repair station # 202-32
under W.O. # 37545	dated 2-16-90	for crankshaft + W.O. # 37546		dated 2-13-90 for rods. Re-assembled engine using the following new parts rod bearings PN SL 61662 M03, main bearings PN SL 11020 M03, Forward main bearing PN SL 138PY M03, oil pump housing PN 78528, oil pump gear
				over

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.)
	Kit	PN	05K1	9423-S & gaskets & seals. Installed oil
	Filter	kit	PN	LW-13743. Re-installed engine using
	two	new	hard	mounts PN J9613-19 at left top
	& right	top	position.	Replaced both oil cooler oil
	lines.	C/W	AD	90-04-06 paragraph A+B on prop
	governor	oil	line.	Serviced with 8Qts. of Aeroshell
	W100	50wt.	Washed	engine run up ops & leak checked,
	checked	good.	[END]	
				The above work was repaired and inspected in accordance with
				current FAR's and is approved for return to service. Pertinent
				details of the repair are on file at this agency under W. O.
				<i>Leonard L. Ann</i>
				# 3026 date 4-2-90 signed Atp 587154128
				for Dean Aircraft Services, Inc., Meridian Municipal Airport,
				Meridian, Mississippi 39301 (601) 485-7304.

DATE YY	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.)
5-16-90	tach	3522.4	Eng. Tsmoh. 699.9	
				Chw annual insp. this date. Compression is #1⁷⁶/₈₀, #2⁶⁴/₈₀, #3⁷⁹/₈₀, #4⁷⁸/₈₀. Oil change not due at this time. Cleaned & gapped spark plugs. Cleaned injector FUEL INLET screen. AD 78-09-07R3 impulse coupling insp due at 3736.3 tach time. Checked magneto timing. Installed Bracket Air Filter Kit PN BA105 in accordance with STC \$A693CE. SEE 337 Form this date. Washed & ran engine, OPS & LEAK checked, checked good. (END) I certify this <u>Engine</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Pertinent details of this inspection are on file at this agency under W. O. # <u>3103</u> date <u>5-16-90</u> signed <u>Donard L. Dunn</u> for Dean Aircraft Service, Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301

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.)
10-	4-90	Tach	3547.1	Changed oil & Filter. Cut Filter & inspected For metal none noted. Serviced with 8 Qts. of Aeroshell W 100, 50wt.. Washed engine run up & leak checked, checked good. [END]
				Leonard L. Ann A&P 587154128
11-	21-90	Tach	3574.0	Took compression test #1 $\frac{72}{80}$, #2 $\frac{66}{80}$, #3 $\frac{78}{80}$ & #4 $\frac{78}{80}$. Cleaned Fuel nozzle's. Run up ops & leak checked, checked good [END]
				Leonard L. Ann A&P 587154128

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.)
G-12-92	Tach	3629.2	TSMOH 806.7	37.5 should be 801.7 yatt
	C/W	Annual Insp.		this date. Changed oil & Filter.
	Cut Filter &	inspected		For metal, none noted. Serviced
	with 8 Qts. of			Aeroshell W 100, 50wt. Replaced air
	Filter.	Cleaned injector		Fuel inlet screen. Installed
	new	Champion		spark plugs PN REM 38E. Compression
	is #1	$\frac{71}{80}$, #2 $\frac{64}{80}$,	#3 $\frac{78}{80}$ & #4 $\frac{75}{80}$.	Inspected exhaust system.
	Replaced alternate	air door		belcrank pivot brackets PN
	25246-000 &	belcrank		PN 23495-000. AD 78-09-07 R3 impulse
	coupling	Insp. is due		at 3736.3 tach time. Replaced
	Flow	divider diaphragm		PN 2526388. Washed engine
	ran	up		ops & leak checked, checked good. [EVDJ]

over

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.)
				I certify this <u>Engine</u> has been inspected in accordance
				with a <u>Annual</u> inspection and was determined to be in
				airworthy condition. Pertinent details of this inspection are on
				file at this agency under W. O. # <u>3917</u> date <u>6-12-92</u>
				<u>Leonard L. Alan</u>
				signed <u>IA 587154128</u> for Dean Aircraft Service,
				Inc., Meridian, Municipal Airport, Meridian, Mississippi 39301
				(601) 485-7304.
	8-21-92	Tach 36	48.0	
				Changed oil & Filter. Cut Filter & inspected
				for metal none noted. Serviced with 8 Qts. of Aeroshell
				w/100, 50 wt. washed engine ran up & leak checked,
				checked good. [END]

Leonard L. Alan
A+C 587154128

DATE 19 <u>93</u>	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.)
Aug.	5.199	2,	TACH time: 3695.1, total time: 3695.1, 5 MOH: 867.6	
			Inspect ENGINE IAW 100 Hrs Inspection, using data in FAR 43, mfg service manual, S/B, S/L, current FAA Publications, AD notes and engine specifications. C/W AD 93-02-05 Fuel line inspection. Check & Clean all SCREENS/sumps, Check Comp: #1 ⁸⁰ 1/95 2 ⁸⁰ 1/92 3 ⁸⁰ 1/97 4 ⁸⁰ 1/97. ENG. WAS determined to be in AN Airworthy Condition. James A. Hopper AIP 2092814	
				Date: <u>8/5/93</u> Tach T: <u>3695.1</u> T.T. <u>3695.1</u> This <u>ENGINE</u> /appliance has been inspected IAW an <u>ANNUAL</u> inspection using pertinent data and was determined to be in compliance with current FAA and mfg. regulations, manuals, AD's, S/B, S/L, as of this date <u>Aug 5, 1993</u> <u>James A. Hopper</u>

James A. Hopper IA 2092814

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.)
1953				
Sept 15, 1994	3764.82			OIL CHANGE Filter change Bot Seal
Sept 15, 1994				Tach Time: 3764.1, Total Time: 3764.1, SMOH: 936.6
				INSPECT ENGINE IAW 100 Hr INSPECTION, USING DATA IN FAR 43, INTY SERVICE
				MANUAL, S/B, S/L, ENGINE SPEC, & Current FAA Publications. Remove Right and
				Left magnetos, O/H magnetos, Replace Right mag impulse Coupling (P/A
				10-400313) C/W A.D.'s: 78-07-07-R3 (left mag), 94-01-03 (Both mag), C/W A.D.
				93-02-05 Fuel injector lines. Check & Clean all sumps, Clean & set SPARK
				Plugs, Ch. Compression: #1 $80/15$ 2 $80/10$ 3 $80/16$ 4 $80/16$. Engine was determined
				TO BE IN AN AIRWORTHY Condition. James A. Hopper A&P 2092814

DATE TO	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.)
				Date: <u>9/15/94</u> Tach T.: <u>3764.1</u> T.T. <u>3764.1</u> This <u>Engine</u> /appliance has been inspected. IAW an <u>Annual</u> inspection using pertinent data and we determined to be in compliance with current FAA and mfg. regulation manuals, AD's, S/B, S/L as of this date <u>Sept 15, 1994</u> <u>James A. Hopper</u> James A. Hopper IA 2092814
2-24-95			Tach 3787.1	Changed oil & filter. cut Filter, & inspected for metal. None noted. Serviced with 8 Qts of Aeroshell W100 - Sout oil. Washed & ran engine. ops & leak checked good [END] <u>Thomas Muck</u> A&P 401118351

118351 A 2092814

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.)
19 <u>95</u>				
NOV. 9, 1995				TACH TIME: 3811.0 Total Time: 3811.0, SMOH: 983.5 INSPECT ENGINE IAW 100 HAW INSPECTION USING DATA IN FAR 43, MFG SERVICE MANUAL, AD REQUIRED. S/B, S/L, ENGINE SPECIFICATIONS, AND CURRENT FAA PUBLICATIONS. AD: CHECKED THRU 95-20 C/W AD 93-02-05 IAW 100 HAW. Check/Change All Sumps, CK Comp. # 1 ⁸⁰ /77 2 ⁸⁰ /68 3 ⁸⁰ /71 4 ⁸⁰ /74. CLEAN/SET SPARK PLUGS, ENGINE WAS DETERMINED TO BE AIR WORTHY. James A. Hopper A&P 2092814
				Date: <u>11-9-95</u> Tach T.: <u>3811.0</u> T.T. <u>3811.0</u> This <u>ENGINE</u> appliance has been inspected IAW an <u>Annual</u> inspection using pertinent data and was determined to be in compliance with current FAA and mfg. regulations, manuals, AD's, S/B, S/L, as of this date. <u>Nov. 9, 1995</u> <u>James A. Hopper</u>

James A. Hopper IA 2092814

[illegible]

DATE 1997	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.)
Jan 12, 1997				Tach time: 3836.1, Total time: 3836.1, SMOH: 1008.6 INSPECT ENG. 1A20 100 Hw inspection, using data in FAR 43, m79 SER. MANUAK, AD Required S/B, S/L, ENG, specifications AND CURRENT FAA publications. C/w AD. 93-02-05 fuel inject. line, Ck & Clean all Sumps, C/w AD. 93-02-05 injector lines, Ck Comp. #1 $\frac{80}{16}$ $\frac{2}{14}$ $\frac{3}{18}$ $\frac{4}{48}$. Rota spark plugs, Eng. WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION James A. Hopper A&P 2092814
DATE 1/12/97	TACH 3836.1		T 3836.1	
THIS	ENGINE			APPLIANCE HAS BEEN INSPECTED
IAW AN	ANNUAL			INSPECTION USING PERTINENT DATA AND WAS
				DETERMINED TO BE IN COMPLIANCE WITH CURRENT FAA REG'S/PUBLICATIONS.
				MFG MANUAL, AD'S, AND AD REQUIRED S/B-S/L. AS OF THIS
DATE Jan 12, 1997				James A. Hopper

JAMES A. HOPPER IA 2092814

DATE 1999	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.)
FEB. 4, 1999				TACH TIME: 3838.4, TOTAL TIME: 3838.4, SMOH: 1010.4 INSPECT ENG, IAW 100 Hrs inspection, USING DATA IN FAR 43, MFG SER. MANUAL, AD REQUIRED S/B, S/L, ENG. SPEC, AND CURRENT FAA Publication, Ck. Clean All Sumps, Ck Comp. # 1 ³⁰ / ₇₅ 2 ³⁰ / ₇₂ 3 ³⁰ / ₇₈ 4 ⁵⁰ / ₇₅ , Clean & Set SPARK plugs, Rep. R&B MAG. Ign. Harness, Replace Left MAGNETO Dist. Block. Ck AD 93-02-05 by inspection, ENG. WAS Determined to be Airworthy, James A. Hopper AEP 2092814
				DATE <u>2/4/99</u> TACH: <u>3838.4</u> T.T.: <u>3838.4</u> THIS <u>ENG</u> APPLIANCE HAS BEEN INSPECTED BY AN <u>ANNUAL</u> INSPECTION USING PERTINENT DATA AND WAS DETERMINED TO BE IN COMPLIANCE WITH CURRENT FAA REGS/PUBLICATIONS, MFG MANUAL, ADS, AND AD REQUIRED S/B-S/L. AS OF THIS DATE <u>FEB. 4, 1999</u>

James A. Hopper
JAMES A. HOPPER IA 2092814

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.)
9-2	-99	Tach	3869.3	
				Removed & replaced right magneto with Factory rebuilt mag. Model # 54LSC-21, PN BL-500514-1, SN H059907DR. Mag was rebuilt by TCM. Repair Station # PQ1269CE. Under W.O # P23746. Dated 8-6-99. Replaced #3 cylinder exhaust push-rod tube seals. Re- moved propeller & replaced crank seal with new seal PN 5L-76940. Replaced generator drive belt PN 37B19774-325. Reinstalled propeller, torqued, & safety wired mount bolts I/A/W maintenance manual. Washed & ran engine. Ops & Leak checked good. [End] Over

DATE TUE	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.)
		9-2-99	TACH 3869.3	
		The above work was repaired and inspected in accordance with current FAR's and is approved for return to service. Pertinent details of the repair are on file at this agency under W. O.		
		James Mark		
		# 7108 date 9-2-99 signed A+P 40118351		
		for Dean Aircraft Services, Inc., Meridian Municipal Airport,		
		Meridian, Mississippi 39301 (601) 485-7304.		

DATE 2000 49	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.)
APRIL 2, 2000	Tach Time:	3899.0	Total Time:	3899.0, SMOH: 1071.0, —
				INSPECT ENG. 1A2W 100 Hrs Inspection, Using data in FAR 43, MFR SERVICE MANUAL, AD Required S/B, S/L, ENG SPEC, AND CURRENT FAA PUBLICATIONS, C/W AD's: 65-03-03, 93-02-05 by inspection, Ck/clean all Sumps, CLEAN AND SET SPARK PLUGS, Ck Comp. #1 $\frac{30}{18}$ $\frac{30}{14}$ $\frac{30}{18}$ $\frac{30}{16}$, CLEAN ENG, & certify this ENG was determined to be airworthy, James A. Hopper AEP 2092814
				DATE 4/2/2000 TACH.T. 3899.0 T.T. 3899.0
				CERTIFY THAT THIS Engine HAS BEEN INSPECTED
				AW AN ANNUAL INSPECTION USING PERTINENT DATA
				AND WAS DETERMINED TO BE IN COMPLIANCE WITH
				CURRENT FAA REG'S/PUBLICATIONS, MFG. MANUALS, AD'S,
				AD REQUIRED S/B, S/L, AND WAS DETERMINED TO BE
				AIRWORTHY. James A. Hopper IA 2092814

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.)
2001 19	2001 19			
June 26, 2001	Tach time		3928.8, Total Time	3928.8, SMOH: 11000.8, inspect
	EN9, IAW 100 Hrs			Inspection, using data in FAR 43, m79 SER, MANUAL
	AD's. Required S/B, S/L, EN9, specifications (T.E.)			AND CURRENT FAA
	Publications, ck/clean all sumps, ck comp. #1			180/192/177 380/176 480/177, EN9.
	WAS determined to be airworthy.			James A. Hopper AIP 2092814
June 26, 2001	TACH. T. 3928.8		T.T. 3928.8	
	I CERTIFY THAT THIS ENGINE			HAS BEEN
	INSPECTED IAW AN ANNUAL			INSPECTION
	USING PERTINENT DATA AND WAS DETERMINED TO BE			
	IN COMPLIANCE WITH CURRENT FAA REG'S/PUBLICATIONS,			
	MFG. MANUALS, AD'S, AD REQUIRED S/B, S/L, AND WAS			
	DETERMINED TO BE AIRWORTHY.			
	James A. Hopper			IA 2092814

DATE 2002 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.)
3/20	3963.5	Oil + Filter Change		Robert Schuler, owner
July 8, 2002				Tach Time: 4018.2, Total Time: 4018.2, SmoH: 1190.2. Inspect Engine IAW 100 Hz Inspection. Using data in FAR 43, 7179 SER, MANUAL, AD's, ENG. Spec. (T.C.) AND CURRENT FAA PUBLICATIONS. Check/clean All Sumps, Clean/SET SPARKS, Ck Comp # 1 ⁸⁰/₇₈ 2 ⁸⁰/₇₆ 3 ⁸⁰/₇₆ 4 ⁸⁰/₇₇. ENG. WAS determined to AIRWORTHY. James G. Hopper APP 2092814
DATE 7/8/02	TACH. T. 4018.2	T.T. 4018.2		
I CERTIFY THAT THIS ENG				HAS BEEN
INSPECTED IAW AN Annual				INSPECTION
USING PERTINENT DATA AND WAS DETERMINED TO BE				
IN COMPLIANCE WITH CURRENT FAA REG'S/PUBLICATIONS,				
MFG. MANUALS, AD'S, AD REQUIRED S/B, S/L, AND WAS				
DETERMINED TO BE AIRWORTHY.				
James G. Hopper				IA 2092814

DATE 2005 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.)
MAY 22, 2005,				INSPECT ENGINE 1A TO 100 HRS INSPECTION, USING FAR 43, 7079, SERVICE MANUAL, ADS, ENG. SPECIFICATIONS (T.C.) AND CURRENT FAA PUBLICATIONS. CH / CLEAN ALL SUMP, SPARK PLUGS REPLACED BY OWNER, TEST RUN ENG, CHECK COMP. IT 1 ⁸⁰ / 4 2 ⁸⁰ / 4 3 ⁸⁰ / 4 4 ⁸⁰ / 4. ENGINE WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. JAMES A. HOPPER APR 20 2005 7814-
				VIEW TACH. T. T.T.
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION USING PERTINENT DATA AND WAS DETERMINED TO BE IN COMPLIANCE WITH CURRENT FAA REG'S/PUBLICATIONS, MFG. MANUALS, ADS, AND WAS DETERMINED TO BE AIRWORTHY.

James A. Hopper IA 2002014

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.)
2024 5-16	4023.63			This engine has been inspected TAN Lycoming criteria all compressions are ABOVE 78/80 Replaced #2 cylinder w/ milling cylinder and piston cap. all AD's pertinent to this engine are completed with. This Engine has been found to be in an airworthy condition Robert A. Moberg AP 265431/98 JA

