

#2

ENGINE LOG



PITTMAN AIRCRAFT CORPORATION

ENGINE DESCRIPTION

Manufacturer: Lycord Inc. Div. of Auro

Serial No. L-7938-48

Williamsford, PA

Horsepower: 260

Model: SO-340-~~NIA5~~ NIA5

FAA T. C. No. 154

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-3-69	Brought Forward →	50.	50.0.	<p>HAWKE FLYING SERVICE</p> <p>I Certify that this Aircraft has been inspected in accordance with <u>50 hrs</u> inspection and was determined to be in airworthy condition.</p> <p>Total Time <u>50 hrs</u> Date <u>11-3-69</u></p>
1-5-70		100:00		<p>HAWKE FLYING SERVICE</p> <p>I Certify that this <u>Engine</u> Aircraft has been inspected in accordance with a <u>100⁰⁰ hr</u> inspection and was determined to be in <u>airworthy</u> condition.</p> <p>Total Time <u>100⁰⁰</u> Date <u>1-5-70</u></p>
Total To Carry Forward				

[illegible]

and Remarks	Signature	Certificate No.
SHELL 40 W OIL	DATE <u>8-10-70</u> TACH <u>151</u>	
NEW FILTER, INSTALLED	OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL	
NEW MUFFLER (DUE TO CRACKS)	SYSTEM CLEANED, MAG TIMING AND COMPRESSION	
REMOVED PROP INSTALL NEW	CHECKED. NACELLE CLEANED - OPERATIONAL RUN UP	
PROP STUB SHAFT SEAL TO GOV:	I certify that this engine has been inspected in ac-	
CLEAN ALL FUEL INJECTION SCREENS & SUMPS.	cordance with a 100hr annual inspection and was	
SER. ALL ITEM PER. PIPER INSPECTION.	determined to be airworthy.	
	<u>A.I. 1513703</u> <u>Joe Rose</u>	
	REDWOOD AVIATION - SANTA ROSA, CALIF.	

and Remarks	Signature	Certificate No.
<p>PROP OVERHAULED</p> <p>By Golden Prop. Co.</p> <p>NEW OIL FILTER, RPM 5000</p>	<p>DATE <u>Sept 1, 71</u> TACH <u>295</u></p> <p>OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEMS CLEANED, MAG TIMING AND COMPRESSION CHECKED. NACELLE CLEANED. OPERATIONAL RUN UP.</p> <p>I certify that this engine has been inspected in accordance with a year annual inspection and was determined to be airworthy.</p>	
	<p><u>AT 1313703</u> <u>Joe Rose</u></p> <p>REDWOOD AVIATION - SANTA ROSA, CALIF.</p>	

and Remarks	Signature	Certificate No.
RPM 50 COMP.	DATE <u>4-14-72</u> TACH <u>401</u>	
INSTALLED FUEL PUMP	OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL	
COOLING KIT 760-463	SYSTEM CLEANED, MAG TIMING AND COMPRESSION	
REPAIR, INSTALLED	CHECKED. NACELLE CLEANED-OPERATIONAL RUN UP	
NEW OIL SEAL RT. MAG	I certify that this engine has been inspected in ac- cordance with a 100hr /annual inspection and was determined to be airworthy.	
REPAIR MUFF. , REPAIR COOL ROD , INSTALLED OIL	<u>AF 1313703</u> <u>Joe Pen</u> REDWOOD AVIATION SANTA ROSA, CALIF.	
BREATHER CAN FIRE WALL DRAIN.		

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
7-20-73	Change oil & filter	(AS 1000)		Change cover gaskets
	#1, 2, 4, 6 cylinder			install new brushes in alternator
	compression change			exhaust gaskets clean spark plugs. time
#1	77/80			mag.
#2	68/80			Ring
#3	95/80			
#4	77/80			
#5	77/80			
#6	77/80			
Total To Carry Forward				

I CERTIFY THAT THIS Engine HAS
 BEEN INSPECTED IN ACCORDANCE
 WITH AN Annual INSPECTION AND
 WAS DETERMINED TO BE AIRWORTHY.
 TOTAL TIME 602.0 TACH. READING 602.0
 PAUL E. LOEWEN A&P 1552027 LA
Paul E. Loewen

and Remarks	Signature	Certificate No.
<p>3-30-74 Relina 4/H brakes & outer R/H Repair R/A cowd flap arm Inspected gear transmission per S.B. 650 ok</p>		
<p>I CERTIFY THAT THIS Aircraft ^{Aircraft} HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. TOTAL TIME <u>695.90</u> TACH. READING <u>695.90</u> PAUL E. LOEWEN A&P 1552027 <i>Paul E. Loewen</i></p>		

[illegible]

ce

and Remarks

Signature

Certificate No.

RPM 50 COMP. OIL
BENDIX RS BUL 43, C/W

DATE 6-16-75 TACH 896

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL
SYSTEM CLEANED, MAG TIMING AND COMPRESSION
CHECKED. NACELLE CLEANED-OPERATIONAL RUN UP

I certify that this engine has been inspected in ac-
cordance with a 100hr/~~annual~~ inspection and was
determined to be airworthy.

AEP 1313703 Joe Ross
REDWOOD AVIATION - SANTA ROSA, CALIF.

RPM 40 COMP, NEW

MOSE SEAL, ALTERNATOR BECT

LUBE CONTROLS

DATE 10-21-75 TACH 1017

OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL
SYSTEM CLEANED, MAG TIMING AND COMPRESSION
CHECKED. NACELLE CLEANED-OPERATIONAL RUN UP

I certify that this engine has been inspected in ac-
cordance with a 100hr/~~annual~~ inspection and was
determined to be airworthy.

ME 1313703 Joe Ross
REDWOOD AVIATION - SANTA ROSA, CALIF.

ENGINE LOG

Date	Engine Time		Recorder Reading
	This Date	Since Major	
	Brought Forward →		
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.			
TECH.	<u>1158.0</u>		
TOTAL	<u>1158.0</u>	DATE <u>4/17/76</u>	
SIGNED	<u>Daniel L. Booker</u>		
	DANIEL L. BOOKER A.P. 1732083 <u>I.A.</u>		
	Krueger Aviation, Inc. 2701 Airport Ave. Santa Monica, Calif. 90405		
Total To Carry Forward			



OAKDALE MUNICIPAL AIRPORT
OAKDALE, CALIFORNIA 95361

F.A.A. Approved Repair
Station No. 404-10

SERVICEABLE

MFG. MAKE Lyc 10540.

SER. No. _____

PART No. 74924 QTY. 1

PART NAME Cyl Assy Complete

REMARKS _____

1-A overhaul

new exh Valve

STD Bore.

OWNER _____

BY: [Signature] DATE 5-76

and Remarks	Signature	Certificate No.
<p>6-6-76 Repair broken wire on alternator regulator O/H Right Magneto with new points, condenser, rotor block, seal, brush & spring. Inspect prop hub for grease buildup. Change oil & filter <u>non-det.</u> check compression. TOP O/H #2 cylinder w/new ex-valve and rings.</p>		
<p>Paul E. Joewen</p>	<p>AEP 1552027</p>	
<p>Lake Aero Styling & Repair 4775 HIGHLAND SPRINGS RD. LAKEPORT, CALIFORNIA 95453</p>	<p>• P. O. BOX 545 • (707) 263-0412</p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
11-12-76	Replace left magneto, O/H fuel injectors Change oil			
	<p>I certify that this <u>Engine</u> has been inspected in accordance with an annual <u>100</u> hour inspection and was determined to be in air worthy condition.</p> <p>Date <u>11-12-76</u> Total time in service <u>1258.0</u></p> <p>Paul E. Loewen A & P 1552027 IA</p> <p><i>Paul E. Loewen</i></p>			
Total To Carry Forward				

an' 2 1/2 hrs

Signature

Certificate No.

4-20-77 @ 1453.22

Change oil Check compressor

#1 $\frac{80}{80}$ #2 $\frac{76R}{80}$ #3 $\frac{75R}{80}$ #4 $\frac{78}{80}$ #5 $\frac{80}{80}$ #6 $\frac{80}{80}$

Replace starter Bendix

I certify that this Engine has been inspected
in accordance with annual inspection
and was determined to be in good condition.

Date 4-26-77 Total time in service 1453.22

Paul E. Loewen A & P 1552027 IA

Paul E. Loewen

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
6-27-77			1499:37	Item ① Change oil filter
8-1-77			1557:21	Changed oil, oil filter
9-16-77			1610:57	Change Oil & Wash
12-1-77			1677:91	Change Oil Aeroshell
Total To Carry Forward				Wash Eng + Plane w/

and Remarks	Signature	Certificate No.
clean air filter + wash engine AERO SHELL #50W	John Z. [Signature]	AFS-208
clean air filter and wash engine Aeroshell 50W Norton Auto Service	[Signature]	AFS-208
Engine Aeroshell 50W	M.C. McKeen	
40W, Change Oil Filter, Clean Air Filter Solvent	M.C. McKeen	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/24/77	Brought Forward →		1624:23	Removed alternator and performed tests (brushes), lubed operational check. gaskets #1, 2, 3, oil.
1-25-78			1625.87	Change Oil, Change Filter, Wash Air Cleaner, Wash Plane
			1765.1	w/ Solvent Aeroshell 40 w
3-15-78			1765.90	Change Oil, Change Filter, Wash Air Cleaner, Wash Plane
				w/ Solvent Aeroshell 40 w
Total To Carry Forward				

and Remarks	Signature	Certificate No.
from aircraft. Disassembled on stator and rotor. Replaced and reassembled. Performed Replaced rocker box cover and 4 that were leaking		
ARS 2087 Lee Dan Rye Horton AERO SERVICE		
Filter, Wash Air Cleaner, Wash Plane	M.C. McKee	
Filter, Wash Air Cleaner, Wash Plane	M.C. McKee	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
5-11-78			1825.30	Change Oil, Aeroshell W 40
6-24-78			1877.10	Change Oil Aeroshell 40 wt,
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Oil Filter, Wash Air Cleaner + Plane	M.C. Mc Kee	
Oil Filter, Wash Air Cleaner + Plane	M.C. Mc Kee	
<p align="center">ENGINE</p> <p>I certify that this aircraft has been inspected</p> <p>In accordance with <u>Engine</u></p> <p>inspection and was determined to be in Airworthy condition.</p> <p>Date <u>11 Oct 78</u></p> <p>Signed <u>Howard Linch</u></p> <p><u>1626140 IA</u></p>	<p>TACK TIME <u>9/15/38</u></p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/17/58	Brought Forward →	0	TOTAL TIME 19/15/34	
This Engine Dissembled and Major at				
New Cam Shaft, new Rod Baring and				
Main, New Crank Cylinders. New				
Ex Valves and Keepers, new Valve Seat				
New Valve Guides, all Ports mag Inlet				
Crank Mike's Standard, set all Stand				
Ports, New Pistons and Rings, new Rocker				
arm Pins all new. P. HALL and seals Replaced				
J. P. Hall				
Total To Carry Forward				

A&E #1435643

J. P. HALL
2425 Copper Road
Shreveport, La. 71107

A&E #1435643

and Remarks	Signature	Certificate No.
<p>Inc Read 1367.2</p> <p>Changed oil & filter element. 11 qts. Pennzoil 15W-40.</p> <p>Dab & Lincal</p> <p>ATP 19/6972</p>		
<p>Inc Read 2011.2</p> <p>Changed oil & filter element.</p> <p>10 qts Phillips 20-50 oil. Replaced crankshaft seal & Prop "O" ring. Engine cleared; run and leak checked ok.</p>	<p>Dab & Lincal</p> <p>ATP 19/6972</p>	

and Remarks	Signature	Certificate No.
<p>11-21-79 100 hr. and Annual Inspection</p> <p>Routine inspection and maintenance as per Piper PA-28-260 inspection form. Installed all new rakes box gaskets. Replaced Prop governor drive gasket. Cleaned starter, dressed commutator & installed new end bearing. Replaced alternator drive belt. Fuel Servo Overhauled by Alonso accessories and AD 79-4-5 c/w. Both mags inspected and marked as per AD 73-7-4.</p>	<p>I certify that this Aircraft ^{Engine} has been inspected in accordance with <u>Annual</u> Inspection, and was determined to be in airworthy condition.</p>	
	<p>Signed: <u>Dale A. Linnard</u> JA 1916972</p>	
	<p>Date: <u>11-21-79</u> Total Time: <u>2052.3</u></p>	

SMOH 428.07

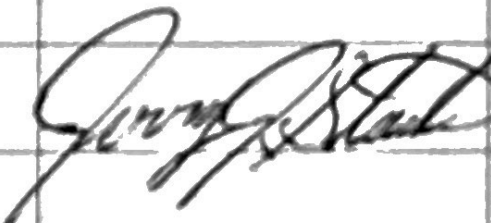
ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3/15/80	Brought Forward →	Tach Time	2115.05	Changed oil + filter about Used AC OF 51A Filter Filled with 11 qts Phillips Xc 20W-50. Washed eng. + performed eng runup. Leaks check O.K.
				Carburetor May A + P 453809460
10/13/80		Tach Time	2150.36	CHANGED OIL + FILTER (CHAMPION 4B110) 10 QTS. PHILLIPS XC-20-50 ENGINE RUNUP, LEAKS CHECKED O.K. C.E.D.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>11-12-80 100hr. + Annual Inspection</p> <p>Routine inspection and maintenance as per</p> <p>Piper PA-24 inspection form Compression: (1) $\frac{7}{80}$</p> <p>(2) $\frac{7}{80}$ (3) $\frac{7}{80}$ (4) $\frac{7}{80}$ (5) $\frac{7}{80}$ (6) $\frac{7}{80}$</p>		
	<p>I certify that this Aircraft ^{Engine} has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition.</p> <p>Signed: <u>Dale J. Kincaid</u> 1A A16972</p> <p>Date: <u>11-12-80</u> Total Time: <u>2154.2</u> 529.97 smoh</p>	
<p>8-14-81 changed oil, Replaced Filter (Champion 48110)</p> <p>serviced with 11gts Phillips XC 20-50.</p> <p>Engine Run-up - checked for leaks.</p> <p>TACH: 2245:31 / <u>L. V. Warner</u> Marsh C-904580</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-8-81	Brought Forward →	TAK HRS 2274.2	100 hr + ANNUAL INSPECTION	
			ROUTINE INSPECTION + MAINTENANCE AS PER	
			PIPER PA24 INSPECTION FORM	
			Conn. #1 $\frac{75}{80}$ #2 $\frac{74}{80}$ #3 $\frac{77}{80}$ #4 $\frac{77}{80}$ #5 $\frac{75}{80}$ #6 $\frac{75}{80}$	
			PUSHROD SEALS #1 & #6 + ROCKER BOX GASKETS	
			CHANGE OIL & FILTER 11 QTS Phillips 1C 20W-50	
			INSTALLED 6 EX GASKETS	
			<i>John J. Stale</i>	
			AP 307583/65	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>8-2-82 TACH 2324.1</p> <p>OIL CHANGE & FILTER. SERVICED WITH 11 QT PHILLIPS 20/50 X C. REPLACED 136 ROCKER BOX COVER GASKETS. RUN ENGINE FOR LEAKS. "OK"</p>		<p>AR3075834</p>
<p>8-19-82 TACH 2352:00</p> <p>CHANGED OIL & FILTER, SERVICED WITH 11 QTS PHILLIPS 20/50 X-C. RUN ENGINE, CHECKED FOR LEAKS OK</p> <p>L.E.G. M. P. MAUR</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-15-82	Brought Forward →	7244:23	78:53	CHANGED oil & Filter Serviced with 11 qts Phillips 1C 20-50 oil. ENGINE cleaned, Run-up & checked for leaks Mona Marsh
11-26-82		240478		CHANGED #4 cyl ROCKER Box GASKET D.M.I. Thomas A4P 553464058
Total To Carry Forward				

and Remarks

Signature

Certificate No.

1-27-83 Tach Time
2411.66

Comp
Check

1 2 3 4 5 6
80 80 80 80 80 80
78 75 77 78 77 76
Cold

Total Aircraft Tach Time 2411.66 Hrs. Date 1-27-83

I certify that this ~~Engine~~ engine has been
Inspected in Accordance with a P.O. inspection
and was Determined to be in Airworthy Condition

D. Max Thomas

D. MAX THOMAS

A&P #55345-4058

ENG OIL DRAINED & Refilled
with AEROSHOK 50W oil Filter Replaced
All Push Rod Housing Gaskets & O Rings
Replaced All Rocker Box Gaskets
Replaced ASSY GEAR BOX Housing Removed
& Reinstalled with NEW Gasket. Exhaust
GASKETS ON #2 & #4 cyl were Replaced
ENG WAS RUN AND LEAK CK. OK. AD8E18-

ENGINE WAS Found to have LOW COMPRESSION ON #4 cyl.

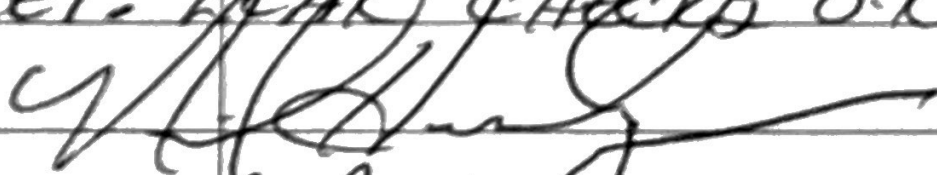
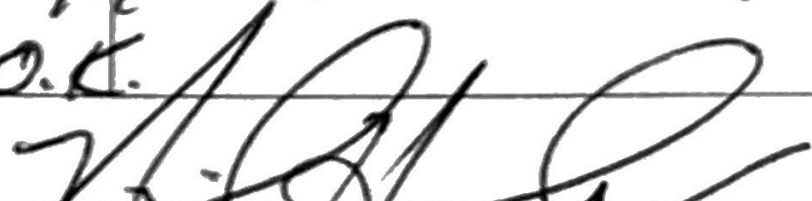
cyl WAS Removed AND sent in for overhaul AND WAS Reinstalled.

on Eng All work WAS DONE I/AW LYCOMING AND Piper

SERVICE MANUAL. Replaced LEFT MAG AND LEFT MAG DRIVE GEAR Found TO
WORN Beyond Limits Replaced with NEW Like item. D Max Thomas

553464058

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
7-11-83	2439.17	TACH	REPLACED #2 CYL INTAKE PUSH ROD TUBE & SEALS, ALSO ROCKER BOX GASKET. LATER CHECKS O.K.	
				
			AAP 368721942	
9-8-83	247134	TACH	CHANGED OIL & FILTER 10 QTS PHILLIPS X/C RAN & CHECKED FOR LEAKS O.K.	
				
			AAP 368721942	
Total To Carry Forward				

and Remarks

Signature

Certificate No.

9-23-93 TACH 2472:84

Broken Valve #2 cylinder, Cyl. Removed,
overhauled, Re-Installed.

Engine Serviced with 10qts Aeroshell 50
mineral oil.

W. J. H. H. H. H. H.
H. P. 348721242

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
2-14-84	TOTAL TIME 2482.87 TACH 2482.87			
	THE ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AS PER PIPER SERVICE MANUAL. THE COMPRESSION WAS CHECKED WITH THE FOLLOWING RESULTS.			
	#1-75 #2-72 #3-76 #4-75 #5-72 #6-72.			
	THE ENGINE OIL WAS DRAINED AND THE OIL FILTER WAS REMOVED AND INSPECTED, THE ENGINE WAS SERVICED WITH 10 QTS			
Total To Carry Forward			OVER	

and Remarks

Signature

Certificate No.

AERO SHELL 50^{MINERAL} - ANN A NEW CH48110
OIL FILTER, THE EXHAUST WAS REMOVED,
REPAIRED, AND REINSTALLED WITH NEW GASKETS
THE PROPELLER WAS REMOVED FOR OVERHAUL
BY KRUSER PROP, SERVICE, AD, 77-12-06
HARTZELL PROPS, DATED AUG - 26 - 1977 WAS
C/W AT OVERHAUL, ALL OTHER A.D.'S CHECKED
THROUGH Bi-WEEKLY 84-01 - - END
I CERTIFY THIS A/C ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A100NN INSPECTION AND FOUND
TO BE IN AN AIRWORTHY CONDITION,
JUL 22 1978

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-12-84	Brought Forward →	TACH 2487.3		AT THIS TIME SUPERIOR AIR PARTS INC. SERVICE LETTER # 84-001 DATED 2-27-84 WAS FOUND NOT APPLICABLE BY PART CODE ON EXHAUST VALVE. NO FURTHER ACTION REQUIRED. <u>END</u> John Pettit 324401818
8-7-84	TACH -	2537.27		THE ENGINE OIL WAS DRAINED AND THE OIL FILTER WAS REMOVED AND INSPECTED, THE ENGINE WAS SERVICED WITH 10 QTS. PHILLIPS 20W 50 X-C (CONT) -
Total To Carry Forward				

and Remarks

Signature

Certificate No.

(cont) AND A NEW CH42110 OIL FILTER.

END

JH Potter

72440 1978

2-13-85 2559 10 TACH 643.76 SMOH PERFORMED 100 HR.
INSPECTION I/A/W PIPER INSPECTION REPORT. INSTALLED NEW
SPARK PLUGS IN BOTTOM POSITION + CLEANED + GAPPED TOP
PLUGS. PERFORMED 400 HR. VALVE INSPECTION, ANN CYL. LOOK
GOOD, INSTALLED NEW VALVE COVER GASKETS. RESET MAG. TO
ENG. TIMING. PERFORMED COMPRESSION CK. WITH FOLLOWING
RESULTS #1 $\frac{76}{80}$ #2 $\frac{74}{80}$ #3 $\frac{75}{80}$ #4 $\frac{72}{80}$ #5 $\frac{70}{80}$ #6 $\frac{71}{80}$. CHANGED
OIL + FILTER, 12 QTS PHILLIPS X/C 20 W 50 (CONT. →)

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-13-85	Brought Forward →	255910 TACH	643.74 SMOH	
CLEANED FUEL INJECTOR NOZZLES, ALL A.D's CHECKED THRU ISSUE 85-01 M. RAN + CHECKED FOR LEAKS, NONE FOUND				
Date <u>2-13-85</u> NO. <u>1529</u> NC <u>9394P</u> SN <u>24-4847</u>				
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>100 H.R.</u> inspection and was determined to be in airworthy condition.				
Inspector <u>M. J. [Signature]</u> AF348721947 W. Miller Aviation Inc.				
6-21-85	1582.0 TACH	Fuel servo overhauled		
		Flow Divider overhauled.		
Total To Carry Forward				<u>[Signature]</u>

and Remarks	Signature	Certificate No.
<p>2.27.86 TACH 2611.05 695.71 SMOH,</p> <p>AT THIS TIME A 100 HR INSPECTION WAS C/W AS PER LYCOMING AND PIPER SERVICE MANUALS. THE ENG OIL WAS DRAINED AND THE OIL FILTER WAS REMOVED AND INSPECTED. THE ENGINE WAS SERVICED WITH 12 QTS PHILLIPS XCII AND A NEW CH48110 OIL FILTER. A COMPRESSION TEST WAS PERFORMED WITH THE FOLLOWING RESULTS, #1-78 #2-77 #3-78 #4-78 #5-76 #6-72.</p>		
<p>A.D. 84-2602 EFFECTIVE DATE 1-29-85 ON</p>	<p>OVER</p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
CONT.	PAPER INDUCTION FILTER WAS C/W BY INSTALLATION OF BRACKET NON PAPER TYPE FILTER PART# BA-104. NO FURTHER ACTION REQUIRED. ALL OTHER A.P.'S CHECKED THRU. DI-WEEKLY 86-04M. <u>END</u>			
	I CERTIFY THIS A/C ENG. HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION. J.L. Pettit A.B. 324 401918			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>2-27-86 TAC 2C11.05 SMOLE 95.71</p> <p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRCRAFTING CONDITION</p>		
<p>5-21-86 TACH READS</p> <p>FUEL MANIFOLD AND FUEL SERVO WERE RE INSTALLED AFTER OVERHAUL BY ALAMO ACCESSORIES, SAN ANTONIO TEXAS, A/C RUN UP. CHECKS GOOD. — END</p>	<p>JAMES BOON 1A644341</p> <p>AT THIS TIME THE</p>	<p>324401418</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
8-1-86	TACH - 2653.4			THE ENGINE OIL WAS DRAINED AND THE OIL FILTER WAS REMOVED AND INSPECTED. THE ENGINE WAS SERVICED WITH 119TS PHILLIPS X-C-11 AND A NEW CH48110 OIL FILTER.
	END			John Pitt 324401977
Total To Carry Forward				

and Remarks	Signature	Certificate No.
9-24-86 Tech 2676.96		
<p>Exhaust valve stuck on #2 cylinder. Cylinder removed. Replaced exhaust valve, exhaust valve guide, push rod housing, and pushrod. Cleaned + painted cylinder. Assembled using all new gaskets + rings according to Lycoming maintenance manual. Serviced with 12 qts Aeroshell 100 (mineral oil) Test flown O.K.</p>	<p>Jerry Walls</p>	
<p>At P Mechanic 464139783</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/13, 1987	Brought Forward →	2695.1		AT THIS TIME THE ENG WAS INSPECTED IN T.A.W. 100 HR INSPECTION 6 CYL'S WERE REMOVED TO BETTOR OVERHAUL, CYS SENT TO QUALITY CYLINDERS INC. SAN ANTONIO TEXAS. (SEE REPAIR TAGS IN REAR) MAGS WERE REMOVED FOR INSPECTION. DURING REMOVAL MAG BEARING IN ASSY CASE WAS FOUND TO BE BROKEN WITH MISSING PIECES. ENG WAS PULLED PAN WAS REMOVED ASSY CASE
Total To Carry Forward				

and Remarks

Signature

Certificate No.

REMOVED AND CLEANED. ALL PIECES LUBED FOUND,
~~THE~~ PISTON + ASSY CASE REINSTALLED. NEW SHAFT FOR TACH
DRIVE WAS ALSO INSTALLED DUE TO A ROLL PIN SHEARED $\frac{1}{2}$ OFF.
DUE TO THIS PROBLEM WITH ENG, OIL COOLER WAS THOROUGHLY CLEANED,
AND REINSTALLED. ENG WAS REINSTALLED & CYLS WERE INSTALLED
ACCORDING TO LYCOMING MAINTENANCE MANUAL. NEW SEALS & GASKETS,
EXHAUST INTAKE, & OIL RETURN HOSES ALSO REPLACED. NEW FUEL
LINE FROM CONTROL HEAD TO PUMP WAS ALSO INSTALLED.
ENG WAS SERVICED WITH 11Q ¹⁰⁰/₅₀ AEROSHELL MINERAL OIL AND
NEW FILTER INSTALLED. ENG HAS BEEN RUN & CHECK FOR LEAKS,
NEW POINTS WERE INSTALLED IN IMAGS ~~ENGINE~~ OVER

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
MAY/13, 1987	Brought Forward →	26951	I CERTIFY THIS ENG TO BE IN AIRWORTHY CONDITION N'S 11/1986	
			Jeff J. Stuber	
			AF 307583165	
AUG 18, 87		2744.4	oil & Fil Ter CHANGED serviced WITH 11 qts Aeroshell MINERAL oil. ENGINE CLEANED Run-up checked for leaks, OK	
			J.E.L. AF 307583165	
Total To Carry Forward				

and Remarks

~~TIME~~ TOTAL TIME 2812.8

Signature

Certificate No.

JULY 8/1988 OIL FILTER & OIL CHANGE

INSTALLED 12 QT AERO SHELL 50W

RUN CK FOR OIL LEAK. NONE NOTED

[Signature]
AP 307583165

JULY 14, 1988 TOTAL TIME 2812.8 THIS ENGINE WAS INSPECTED USING
ICHR INSPECTION SHEET PLUGS CLEANED & GAPPED & CHECKED.

* 1 CYL NEW AUTOLITE SPARK PLUG WAS INSTALLED. TIMING CHECKED

REPS CK. OK. EXHAUST WAS REPAIRING RT SIDE "HAD HOLE IN BOTTOM"

AIR FUEL FILTER CK OK AD'S CK 87-26-10

NEXT PAGE.



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance																								
	This Date	Since Major																										
	Brought Forward →																											
	COMPRESSION LIPS C.K.			CYL COMP																								
	COLD.			<table border="1"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> <td>7</td> <td>8</td> </tr> <tr> <td>76</td> <td>74</td> <td>76</td> <td>76</td> <td>75</td> <td>74</td> <td>76</td> <td>76</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>80</td> </tr> </table>	1	2	3	4	5	6	7	8	76	74	76	76	75	74	76	76	80	80	80	80	80	80	80	80
1	2	3	4	5	6	7	8																					
76	74	76	76	75	74	76	76																					
80	80	80	80	80	80	80	80																					
TOTAL TIME	2812.8		A/C 93947 S/N 24-4897 I certify that this <u>ENG</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. Inspector <u>[Signature]</u> DA 317583165																									
Total To Carry Forward			J. W. Miller Aviation Inc.																									

and Remarks	Signature	Certificate No.
<p>8-29-89, Tach Time 2851.6</p> <p>CHANGED oil & Filter, serviced with 10 qts Peroshell 15W50 oil, Engine washed, RAN-UP checked for leaks.</p> <p>J. S. G. M. Marsh C-504580</p>		
<p>1-28-89 Tach Time 2959.0</p> <p>CHANGED oil & Filter, serviced with 10 qts Newshell 50W oil, ENGINE WASHED & RAN-UP checked for leaks. EXHAUST system Removed, Repaired, Replaced. J. S. G. M. Marsh C-504590</p> <p>J. S. G. M. Marsh</p>		

ENGINE LOG

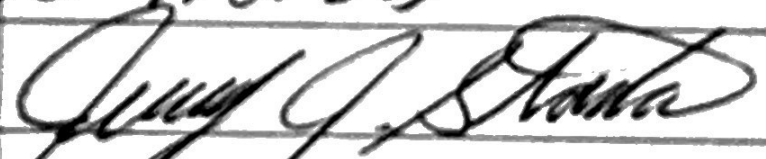
Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
8-2-84		104366	2959.0	
	CLEANED + GATED PLUGS, CHANGED			
	OIL & FILTER SERVICED WITH			
	AERO SAE 50W, REPAIRED			
	CRACKED EXHAUST PIPE,			
	CYL COMP			
	1	2	3	4
	75	75	75	75
	80	80	80	80
	5	6	7	8
	75	75	75	75
	80	80	80	80
	Date _____ WO _____ A/C _____ S/N _____			
	I certify that this <u>ENGINE</u> has been			
	inspected in accordance with a <u>ANNUAL</u>			
	inspection and was determined to be in			
	airworthy condition.			
Total To Carry Forward				

Inspector James R. B...
1A646341

J. W. Miller Aviation Inc.

and Remarks	Signature	Certificate No.
<p>10/17/87 TACH TIME 2917.5</p> <p>AT THIS TIME OIL WAS CHANGED & FILTER REPLACED. ENG SERVICED WITH 11 QTS AEROSHELL 50W. INSTALLED NEW DRY AIR PUMP PN 11128-005 7/8 T 6886C REPLACED BOTH OIL HOSES FROM COOLER TO ENG. REMOVED LH MAG REMOVED & REPLACED OIL SEAL REINSTALLED MAG. REMOVED PROP, REPLACED GASKET ON OIL TUBE PLUG PROP REINSTALLED. ENG RUN CK FOR LEAKS NONE NOTED.</p>	<p><i>Jimmy J. S. [Signature]</i></p> <p>AP 307583165</p>	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
6/14/90	TAUH TIME 3063.7			
	CHANGED OIL & FILTER. SERVICED WITH			
	10 QT AERO SHELL 50W. RUN ENGINE			
	OK FOR LEAKS NONE NOTED			
				 AL 307583165
Total To Carry Forward				

and Remarks

TAKE TIME 3112.0

Signature

Certificate No.

9-20-90 OIL CHANGES & FILTER PLUGS REPLACED
 SCOP 774222 CYL COMP BY OVERHAUL

1	2	3	4	5	6	7	8
75	74	72	72	74	74		
80	80	80	80	80	80	80	80

REPLACED OIL & FILTER
 HOSE & M.P. HOSE & FUEL
 PRESSURE HOSE & FUEL
 VENT HOSE
 INSTALLED NEW CRANK
 SHUTT OIL SEAL

Date 9-20-90 LOIC A/C 9394P
 ENGINE has been

24-4898

insp. in accordance with a ANNUAL
 inspection and was determined to be in
 airworthy condition.

Inspector John P. Brown
 1A646341

L. W. Miller Aviation Inc.

ENGINE LOG

Date	Engine Time <i>TOP</i>		Recorder Reading	Maintenance
	This Date	Since TOP		
6-18-91	Brought Forward →	465.0	3160.0	CHANGED oil & Filter Service with 10gls Aerosol 50W cleaned Engine & Run-up checked For leaks. <i>J.E. Chubbly</i>
12/17/91	TACH TIME	3192.0	SMOH 496.9	AT THIS TIME A 100WK INSP WAS CW OIL CHANGED + FILTER PLUGS CLEANED + GAPPED CK OK TIMING CK OK. FRONT ENG SEAL REPLACED RUN + CK ENG NO LEAKS NOTED.
Total To Carry Forward		ENG RD'S CK THRU 91-14-22	→ NEXT PAGE	

and Remarks	Signature	Certificate No.
Date <u>12/13/91</u> NO <u>2102</u> NC <u>9394P</u> S/N <u>24-4892</u> I see this <u>ENG</u> has been inspected as with <u>ANNUAL</u> inspection determined to be in compliance by <u>[Signature]</u> <u>EA307583165</u>	J. W. Miller Aviation Inc. CYL COMP 1 2 3 4 5 6 7 8 74 72 72 72 72 70 80 80 80 80 80 80 80 80	

8/28/92 TOCNTIME 3245.71 SMOH 550.6
 CHANGED OIL & FILTER THIS DATE
 APPROX 15/50 W + CHAMPION CH48110 -
 GROUND RAN + ACCEPTED
 Tom Crowe
 A+P1882274

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/7/92	Brought Forward →		T.T. 3280.6 3280.6 T.T.	
Removed Magnets & Rotax 1200 Retard & Main Breaker Points, Re-Timed to 25° BTDC - Cleaned & Gapped Plugs, Removed Propeller to Replace Leaking Prop Seal O'Ring, Retarded & Softened Prop. HCT Returned to Service This Date For [Signature] N# 1882274				
Total To Carry Forward				

and Remarks

Signature

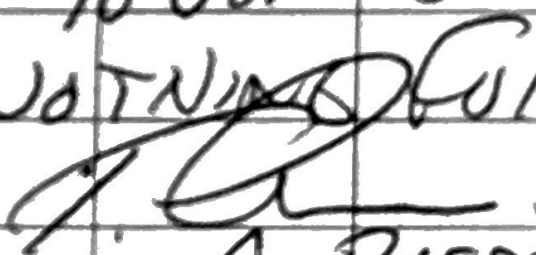
ENGINE RECEIVED A 100 HOUR INSPECTION THIS DATE PER
PIPER SERVICE MANUAL. INSTALLED NEW HIGH ALTITUDE IGNITION
HARNESSES AND SPARK PLUGS. REPAIRED HEAT SHROUD
RIGHT SIDE EXHAUST. CHANGED OIL AND FILTER 15/50 W
ARMOSEAL 5W1 SYNTHETIC.

#1 73/80 #2 72/80 #3 71/80 #4 71/80 #5 70/80 #6 70/80

ENGINE FOUND TO BE AIRWORTHY THIS DATE. NOTHING FOLLOWS.

I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH
AN 100 HRS. INSPECTION
AND FOUND TO BE AIRWORTHY
DATE 4/1/93 3290.0
AUTHORIZED INDIVIDUAL [Signature]
DESIGNATION NO. PL182274

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major Overhaul		
3/26/93	Brought Forward →	1392.60	3307.94 (612 STOP H)	
ENGINE CRANKSHAFT SEAL REPLACED, PROP GOVERNOR				
RELIEF VALVE SEAL REPLACED, RE SECTION PROPELLER,				
REPLACED AFT BOLT, STARTER OIL SUNKED &				
BRUSH & COMMUTATOR WORK R&R REBUILT STARTER,				
BATTERY WON'T HOLD CHARGE, REPLACED BATTERY,				
ENGINE RETURNED TO SERVICE THIS DATE				
ADVERTISING — NOTHING FOLLOWS				
 No P1882244				
Total To Carry Forward				

and Remarks

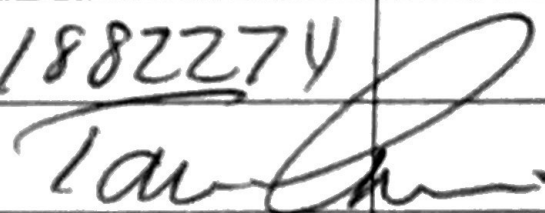
T.T. 3345.8

Signature

Certificate No.

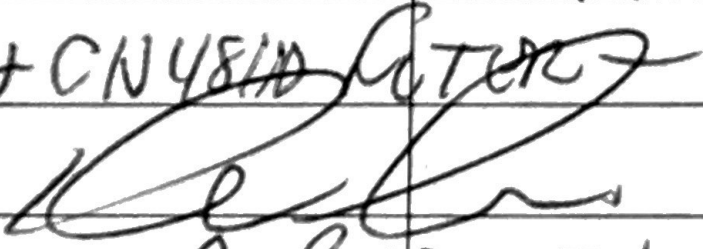
7/23/93 Removed Propeller To Reveal Prop. Gov. Access
Hous. R+R 4N Exhaust Stack To Repair
Collection Tip. Replaced Act. Gov. & Props. Aircraft
Test Funn and Returned To Service.

Not P 1882274



9/17/93 Changed Engine Oil & Filter Tins
Props, Washed Down Engine & Cowl Area.
Aircraft 15/50W & CN 4810 Filter

T.T. 3369.99


Not P 1882274

CHANGED OIL 8102W5/50W 8CN48110.
TIMING CK'D COMPRESSION AS FOLLOWS
#1 (72) #2 20 #3 (70) #4 (71) #5 (70) #6 (71)

I CERTIFY THAT THIS ENGINE
HAS BEEN INSPECTED IN ACCORDANCE WITH
~~AN~~ 100 NR. INSPECTION
~~AND~~ WAS DETERMINED TO BE IN AIRWORTHY
CONDITION.

DATE 2/6/94 T.T. 3427.88 TSMO 1612
AUTHORIZED INDIVIDUAL WM J. Hendle
DESIGNATION NO. IA390388029 AP

and Remarks

Signature

Certificate No.

6/14/94

R+R SPARK PLUGS, REPAIR IT STARTING U-BRACK,
CHANGED OIL + FILTER, REPAIRING 100W. REPAIR
AIR FILTER, INSTALLED NEW ENGINE BEARING.
COMPARISON TEST, KIL ABOUT 70/80.

T. R. R+P 1882274

T.T. 2543.87

ENGINE LOG

Date	Engine Time		Recorder Reading
	This Date	Since Major	
4/1/95	Brought Forward →	'0'	2543.87
ENGINE WAS MAJOR OVERHAULED & INSTALLED IN N9394P THIS DATE. OVERHAUL WAS PERFORMED IN ACCORDANCE WITH LYCOMING MANDATORY SERVICE BULLETIN # 240M. ALL FLEX NOSES, ENGINE NOSES, OIL SEALS, BASE SEALS, GASKETS, LOCKWASHERS, RETAINING RINGS, PISTON PINS, PISTON PINS, EXHAUST VALVE REPAIRS, WITH INCREASED CHROME CYLINDERS, NEW GUIDES, SEALS, RO-BUSH PINS,			
Total To Carry Forward			

and Remarks	Signature	Certificate
<p> Arms, Studs, Crankcase Allen Bored, Indoried, Crankshaft Magnafluxed, New Clw Pins + Bushing, Ultra Shcen Polish, Crank Gears Modified For S.B. All Rod Gases Gears Replaced, Installed New Camshaft, F.L. System O.V.N. Replace All Oil Pump Gears + Body, Replaced Tappet Bodies, New Rod + Main Bearings Installed. Rods Re-Bushed + Straightened. Replace Rod Bolts And Nuts (Lycoming Parts) Copy of All work performed on file </p>		

ENGINE LOG

Case	Engine Time This Date	Since Water	Recorder Reading	Maintenanc
<p>At this time, owner has copy of check. first payment yellow tags are enclosed. Auto Still N/D 100 used for inspection - Act Test Crown Return to Service.</p>				
<p>I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100%</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATE <u>6/9/95</u> TT <u>3343.47</u> TSMO <u>20</u> AUTHORIZED INDIVIDUAL <u>T. J. [Signature]</u> DESIGNATION NO. <u>1582274</u></p>				
<p>Total To Carry Forward</p>				

