

1

CHIEFING



PITTMAN AIRCRAFT CORPORATION

DIRECTIVES ON ENGINE AND ACCESSORIES

ENGINE DESCRIPTION

Manufacturer: Lycamobile Ltd. of Guernsey

Serial No. L-7938-48

Serial No. L-79938-48

Model: 90-580-111A5 N1A5 Horsepower: 260
FAA T. C. No. 1E4

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 Aircraft has been inspected in accordance with a <u>100 hrs</u> Inspection and was determined to be in airworthy condition.</p> <p>Total Time <u>100 hrs</u> Date <u>1-5-70</u></p>
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>Ail charged - Filtered & stated Charged bushrod slot & 4 & 2 cyl.</p>	<p>W. M. Stevens</p>	<p>Oct 22 1225450</p>

and Remarks	Signature	Certificate No.
SHELL 40 W OIL	DATE 8-10-70 TACH	151
NEW FILTER, INSTALLED	OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEM CLEANED, MAG TIMING AND COMPRESSION CHECKED. NACELLE CLEANED. OPERATIONAL RUN UP	
NEW MUFFLER (DUE TO CRACKS)	I certify that this engine has been inspected in ac- cordance with a 100H/annual inspection and was	
REMOVED PROP IN STALL NFG	determined to be airworthy.	
PROP STUB SHAFT SEAL TO GOV:	A.I. 1313703	Joe Ross
CLEAN ALL FUEL INJECTION SCREENS & SUMPS	REDWOOD AVIATION - SANTA ROSA, CALIF.	
SER. ALL ITEM PER. PIPER INSPECTION		

and Remarks	Signature	Certificate No.
<u>Prop overhauled</u> <u>By Golden Prop. Co.</u>	<u>DATE: Sept 1, 71</u> <u>TACH 295</u>	
<u>NEW OIL FILTER, RPM 50 Rpm</u>	<u>OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEM CLEANED, IGNITION TIMING AND COMPRESSION CHECKED, INACELLIE CLEANED. OPERATIONAL RUN UP.</u>	
<u>I certify that this engine has been inspected in accordance with a 100hr/annual inspection and was determined to be airworthy.</u>	<u>A.I. 1313703</u> <u>Joe Rose</u>	<u>REDWOOD AVIATION - SANTA ROSA, CALIF.</u>

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

and Remarks	Signature	Certificate No.
<u>SHELL 40 w oil</u> <u>NEW OIL FILTER</u> <u>CLEAN INJECTION SCREENS</u>	DATE <u>10-25-72</u> TACH <u>496</u> 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 accordance with a 1/2 annual inspection and was determined to be airworthy.	<u>AI 1313703 Jefay</u>
		REDWOOD AVIATION - SANTA ROSA, CALIF.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
7-20-73	Change oil & filter #1, 2 & 6 cylinder install new brushes in alternator compression change exhaust gaskets clean spark plugs. time #1 $7\frac{7}{8}$ mags.	(AS 1000 w)	Change cover gaskets	
#2 $6\frac{8}{9}$ Rings			I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.	
#3 $7\frac{7}{8}$				
#4 $7\frac{7}{8}$				
#5 $2\frac{7}{8}$				
#6 $7\frac{7}{8}$			TOTAL TIME <u>602.0</u> TACH. READING <u>602.0</u>	
			PAUL E. LOEWEN A&P 1552027 EA	
Total To Carry Forward			<i>Paul E. Loewen</i>	

and Remarks	Signature	Certificate No.
<p>3-30-74 Relined 4/4 brakes & outer R/H Repair R/H carb flap arm Inspected gear transmission per S.B. 650 ak</p>		
<p>I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100h</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 <u>Paul E. Loewen</u></p>		

and Remarks	Signature	Certificate No.
<u>RPM 40 Comp. off</u>	DATE <u>FEB 1 1975</u> TACH <u>794</u>	
<u>New Change oil Filter</u>	OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEM CLEANED, MAG TIMING AND COMPRESSION	
<u>New Vac. Pump</u>	CHECKED. NACELLE CLEANED-OPERATIONAL RUN UP	
<u>INSTALLED</u>	I certify that this engine has been inspected in ac- cordance with a 100hr/annual inspection and was determined to be airworthy	
	-Robert S. Ohman A1271851 REDWOOD AVIATION - SANTA ROSA, CALIF.	

ce	and Remarks	Signature	Certificate No.
	<p>RPM 50 Comp, oil BENDIX RS Bul 43, clw</p> <p>DATE <u>6-16-75</u> TACH <u>896</u></p> <p>OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEM CLEANED, MAG TIMING AND COMPRESSION CHECKED. NACELLE CLEANED. OPERATIONAL RUN UP</p> <p>I certify that this engine has been inspected in ac- cordance with a 100hr/annual inspection and was determined to be airworthy.</p> <p><u>AEP 1313703</u> <u>Joe Rose</u></p> <p>REDWOOD AVIATION - SANTA ROSA, CALIF.</p>		
	<p>RPM 40 Comp, new NOSE SEAL, ALTERNATOR BECT LUBE CONTROLS</p> <p>DATE <u>10-21-75</u> TACH <u>1017</u></p> <p>OIL CHANGED, FILTER REPLACED, PLUGS AND FUEL SYSTEM CLEANED. MAG TIMING AND COMPRESSION CHECKED. NACELLE CLEANED. OPERATIONAL RUN UP</p> <p>I certify that this engine has been inspected in ac- cordance with a 100hr/annual inspection and was determined to be airworthy.</p> <p><u>AEP 1313703</u> <u>Joe Rose</u></p> <p>REDWOOD AVIATION - SANTA ROSA, CALIF.</p>		

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	I.A	
	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

REMARKS 1-A overhauled

new each value
STD. Boxe -

OWNER—

BY: AB

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, bush & sleeve. Inspect prop hub for grease buildups. Change oil & filter <u>new-det.</u> check compression. Top O/H #2 cylinder w/new ex-valve and rings.</p>		

Paul E. Jaewen A&P 1552027

Lake Aero Styling & Repair

4775 HIGHLAND SPRINGS RD.
 LAKEPORT, CALIFORNIA 95453

• P. O. BOX 545
 • (707) 263-0412

ENGINE LOG

Date Serv'd:	Signature	Certificate No.
4-26-71 @ 1453.22		
Change oil check compression		
#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 slanted Bendix		
I certify that this <u>Engine</u> has been inspected in accordance with <u>annual</u> our inspection and was determined to be <u>airworthy</u> condition.		
Date <u>4-26-71</u> Total hours in service <u>1453.22</u>		
Paul E. Loewen A & P 1552027 IA		
<u>Paul E. Loewen</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
6-27-77			1499:37	Item 0 change oil filter
8-1-77			1557:21	Changed oil, oil filter
9-16-77			161057	Change Oil & Wash
12-1-77			1677.9	Change Oil Aeroshell Wash Engs & Plane up
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>clean air filter + wash engine Aero SHELL 50W</p>	<p>Joey L. L. L. L. Dagoberto XRS-208</p>	
<p>clean air filter and wash engine Aeroshell 50W</p>		<p>Norton Auto Service XRS-208</p>
<p>Engine AeroShell 50W 50W, Change Oil Filter, Clean air Filter Solenoid</p>		<p>M.C. Mc Gee M.C. Mc Gee</p>

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	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.	from aircraft. Disassembled stator and rotor. Replaced and reassembled. Performed Replaced rocker box cover and 4 that were leaking	ARS 2087 Leekan Rayn Horton AERO SERVICE	
1-25-78			1725.87	Change Oil, Change Filter, Wash Air Cleaner, Wash Plane 1725.87 , w/ Solvent Aeroshell 40 w		M.C. McRae	
3-15-78			1765.90	Change Oil, Change w/ Solvent Aeroshell 40 w	Filter, Wash Air Cleaner, Wash Plane	M.C. McRae	
Total To Carry Forward							

LINE LOG

and Remarks	Signature	Certificate No.
Filter, Wash Air Cleaner + Plane	M.C. McKeel	
Filter, Wash Air Cleaner + Plane	M.C. McKeel	
Engine		
I certify that this aircraft has been inspected	TACK TIME	9/25/79
In accordance with <u>Ennecel</u>		
Inspection and was determined to be in Airworthy condition.		
Date <u>11 Oct 78</u>		
Signed <u>Howard Linchae</u>		
<u>1626140 IA</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/7/58	Brought Forward →	0	TOTAL TIME 19/15/35	
			this Engine Disassembled and Major at New Cam Shaft, new Rod Bearings and Main, New Crown Gaskets. New Ext Valves and Seats, new Valve Mat New Valve Guides, All Parts Magne Poronite Gasket Standard, all All Stand Parts, New Pistons and Rings, New Rocker arm Oals All new. Gasket and seals Replaced  J. P. HALL 2425 Cooper Road Shreveport, La. 71107 A&E #1435643	
Total To Carry Forward				A&E #1435643

and Remarks	Signature	Certificate No.
<p>Joe Read 17672 <u>Changed oil + filter element. 11qt. Arnold 10W-40 oil.</u> <u>Oil & Filter</u> <u>At P19/1972.</u></p>		
<p>Joe Read 1011.2 changed oil + filter element. <u>10qt Phillips 20-50 oil. Replaced crankshaft</u> <u>seal + Prop "O" ring. Engine cleaned; run and</u> <u>leak checked ok.</u></p>	<u>Dab & Kivard</u> <u>At P19/6972</u>	

and Remarks	Signature	Certificate No.
<p>11-21-79 100 hr. and annual inspection <u>routine inspection and maintenance as per</u> <u>Piper PA-28-200 inspection form. Installed all new</u> <u>valves box gaskets. Replaced Prop governor drive gasket.</u> <u>Changed starters, drives commutator & installed new end bearing.</u> <u>Replaced alternator drive belt. Fuel Servo overhauled by</u> <u>Alone accessories and AD 79-4-5 c/w. Both maga inspected</u> <u>and marked as per AD 73-7-4.</u> </p> <p>I certify that this Aircraft ^{topic} has been inspected in accordance with <u>annual</u> Inspection, and was determined to be in airworthy condition.</p> <p>Signed: <u>Dale Antonio 7A1916972</u></p> <p>Date: <u>11-21-79</u> Total Time: <u>2052.3</u></p> <p>SMO/H 428.07</p>		

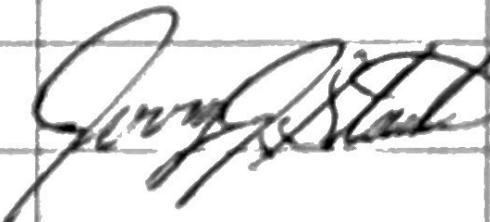
ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8/15/80	Brought forward →	Tach Time 2115.05		Changed oil + filter element Used AC OF51A Filter Filled with 11 qts Phillips XC 20W-50. Washed eng. + performed eng runup. Heat check ok.
10/13/80		Tach Time 21150.36		Carburetor Cleaned + Filter (CHAMPION 4B110) 10 QTS. PHILLIPS XC-20-50 ENGINE RUN UP, BREAKS checked OK. C.E.O.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
11-12-80 100hr. + annual inspection		
Routine inspection and maintenance as per Piper PA-24 inspection form. Compression: (1) $\frac{7}{8}$ 0 (2) $\frac{7}{8}$ 0 (3) $\frac{7}{8}$ 0 (4) $\frac{7}{8}$ 0 (5) $\frac{7}{8}$ 0 (6) $\frac{7}{8}$ 0		
I certify that this Aircraft ^{Engines} has been inspected in accordance with Annual inspection, and was determined to be in airworthy condition.		
Signed: Dale L Kircaldy 1A916972		
Date: 11-12-80 Total Time: 2154.2 529.97 SMOH		
8-14-81 changed oil, Replaced Filter (Champion 48110) serviced with 11gts Phillips XC 20-50. Engine Run-up - checked for leaks.		
Tach: 2245:31 P. L. Warner, Marsh C-904580		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-8-81	Brought Forward	→ TAC HRS 2274.2	100 hr + ANNUAL INSPECTION ROUTINE INSPECTION + MAINTENANCE AS PER PIPER PA24 INSPECTION FORM Com. #1 $1\frac{7}{10}$ $2\frac{7}{10}$ $3\frac{7}{10}$ $4\frac{7}{10}$ $5\frac{7}{10}$ $6\frac{7}{10}$ Pushrod seals #4 + #6 + Rocker box gaskets CHANGE OIL & FILTER 11 QTS Phillips 10w-50 INSTALLED 6 EX GASKETS	George J. Stade AP 307 583165
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<u>8-2-82 TACH 2324.1</u> <u>Ci6 CHARGE & FILTER SERVICED</u> <u>WITH 11 QT PHILLIPS 20/50 X-C. REPLACED</u> <u>136 ROCKER BOX COVER GASKETS.</u> <u>RUN ENGINE & FOR LEAKS. "OK"</u>		<u>AT307583</u>
<u>8-19-82 Tach 2352.00</u> <u>CHANGED OIL & FILTER, SERVICED</u> <u>WITH 11 QT PHILLIPS 20/50 X-C.</u> <u>RUN ENGINE, CHECKED FOR LEAKS OK</u> 		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-15-82	Brought Forward	→ 7/27: 2378:53	CHANGED OIL & FILTER SERVICED WITH 11qt PHILLIPS X-C 20-50 OIL - ENGIN. CLEANED, RUN-UP CHECKED FOR LEAKS	MANUAL OF MARSH
11-26-82		240478	CHANGED #4 CYL ROCKER BOX GASKET D.M.I. Thomas ATF 553464058	
Total To Carry Forward				

and Remarks		Signature 1 2 3 4 5 6	Certificate No.
1-27-83 Tach Time 2411.66	Comp Check	$\frac{80}{78}$ $\frac{80}{75}$ $\frac{80}{77}$ $\frac{80}{78}$ $\frac{80}{77}$ $\frac{80}{76}$ <small>Cold</small>	
Total Aircraft Tach T.m. 2411.66 hrs. Date 1-27-83 I certify that this aircraft engine has been Inspected in Accordance with a P.O. inspection and was Determined to be in Airworthy Condition <u>D. Max Thomas</u>		ENG OIL DRAINED & RE FILLED with AEROSHELL 50W OIL Filter replaced All Push Rod Housing Gaskets & O Rings Replaced All Rocker Box Covers Replaced ASSY GEAR Box Housing Removed + Reinstalled with New Gaskets. Exhaust Gaskets on #2 & #6 cyl were replaced ENG WAS RUN AND LEAK CK. OK, AD8E18- A&P #553-45-4058 04 C/W NO FURTHER INSP. REQUIRED	
Engine was found to have low compression on #4 cyl. cyl was removed and sent in for overhaul and was reinstalled. Engineering all work was done in accordance with 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 553-46-4058			

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 POD TUBE & SEALS, ALSO ROCKER BOX GASKET. MTR CHCKS O.K.	
			7/11/83	APL368721942
9-8-83 247134 TACH			CHANGED OIL & FILTER 10 QTS. FILMICS X/C. PAN & CHCKS FOR LEAKS O.K.	
Total To Carry Forward			7/11/83	APL368721942

and Remarks

Signature

Certificate No.

2-23-93 TACH 2472:84

Broken valve #2 cylinder, cyl removed,
overhauled, reinstalled.

Engine serviced with 10gts Aerostell 150
mineral oil.

W. H. Hargan
40434872942

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward \rightarrow			
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 QT'S			
Total To Carry Forward		—	OVER	—

and Remarks

Signature

Certificate No.

AERO SHELL 50^{MINERAL} - ANN ANEW CH 48110
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
HARTECH PROPS. DATED AUG - 26 - 1977. WAS
C/W AT OVERHAUL. ALL OTHER A.P.s CHECKED
THROUGH BI-WEEKLY 84-01- - END -

I CERTIFY THIS A/C ENGINE HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 HR INSPECTION AND FOUND
TO BE IN AN AIRWORTHY CONDITION
John Dott 321140 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 DATE CODE ON EXHAUST VALVE. NO FURTHER ACTION REQUIRED.	John Bottl.
END				
8-7-84	TACH - 253121.	324401818	THE ENGINE OIL WAS DRAINED AND THE OIL FILTER WAS REMOVED AND INSPECTED. THE ENGINE WAS SERVICED WITH 10 QT. PHILIPS 20W50 X-C (CONT) -	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
(cont) AND A NEW CH1210 OIL FILTER. —END—	John P. Oster	
7-13-85 2559 10 TACH 643.76 5MOT PERFORMED 100 HR. INSPECTION I/A/W PAPER INSPECTION REPORT. INSTALLED NEW SPARK PLUGS IN BOTTOM POSITION + CLEANED + GAPPED TOP PLUGS. PERFORMED 400 HR. VALVE INSPECTION, ALL CYL. LOOK GOOD, INSTALLED NEW VALVE COVER GASKETS. RESET MAG. TO ENG. TIMING. PERFORMED COMPRESSION CK. WITH FOLLOWING RESULTS #1 76 2 24 3 75/80 4 72/80 5 70/80 6 71/80. CHANGED OIL + FILTER, 12 QTS PHILLIPS X/C 20W50 (CONT. →)	22440 1978	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-13-85	Brought Forward	→ 2559 10 MCH	643.74 SMOH	
CLEANED FUEL INJECTOR NOZZLES, ALL A.D.'S CHECKED				
THRU ISSUE 85-01 M. RAN + CHECKED FOR LEAKS, NONE FOUND				
Date 2-13-85 H.O. 1529 NC 9394P S/N 24-4847				
I certify that this ENGINE has been inspected in accordance with a 100 HR Inspection and was determined to be in airworthy condition.				
Inspector N. Miller AF348721947 W. Miller Aviation Inc.				
6-21-85	2582.0 TACTH	Fuel servo overhauled		
		Flow Divider overhauled.		
Total To Carry Forward				

and Remarks

Signature

Certificate No.

2-22-86 TACH 2611.05 695.71 SMOH

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 XC II AND ANCA CH48110
OIL FILTER. A COMPRESSION TEST WAS PER-
FORMED WITH THE FOLLOWING RESULTS. #1-
78 = 2 - 17 = 3 - 78 = 4 - 78 = 5 - 76 = 6 - 72.

A.D. 84-2602 EFFECTIVE DATE 1-29-85 ON

OVER —

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward	→		
CONT.	PAPER INDUCTION FILTER WAS C/W BY INSTALATION OF BRACKET FOR PAPER TYPE FILTER. PART # PA-104. NO FURTHER ACTION REQUIRED. ALL OTHER A.P.'S CHECKED THRU. BI-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 AIRWORTH CONDITION. J. L. ODETT			
Total To Carry Forward				
	A.B 324 401918			

and Remarks	Signature	Certificate No.
2-27-86 TAC 2C11.05 5M06 C 95.71		
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSPECTION AND WITH DETERMINED TO BE IN A PRACTICABLE CONDITION	James St. Boer 1A644341	
5-21-86 TACH READS AT THIS TIME THE FUEL MANIFOLD AND FUEL SERVO WERE RE INSTALLED AFTER OVER HAUL BY ALAMO ACCESSORIES, SAN ANTONIO TEXAS, A/C RUN UP. CHECKS GOOD. — END	Ditt 324401478	

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 11975 PHILLIPS X-C-11 AND A NEW CH48110 OIL FILTER.		
	END —	jh Pitt 324401971		
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>9-24-86 Tach 2676.96</p> <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 gts Aeroshell 100 (mineral oil) Test flown O.K.</p> <p>Jerry Walls A+P Mechanic 464139383</p>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
MAJ 13, 1987	Brought Forward	→ 2695.1	At this time the eng was inspected at I.A. 60.100 hr inspecing 6 cyl's were removed to be tor over haul, cyls sent to Quality Cylinders Inc. San Antonio Texas. (see repair tags in rear) MAGS were removed for inspection. During removal MAG bearing in assory cas was found to be broken with missing pieces. Eng was packed pan was removed assory case	
Total To Carry Forward				

and Remarks	Signature	Certificate No.
<p>REMOVED AND CLEANED. ALL PIECES WERE FOUND, ONE PART + ASSORT CAGE REINSTALLED. NEW SHOT FOR FRESH PIPE WAS ALSO INSTALLED DUE TO A ROLL PIN SHOT $\frac{1}{2}$ OFF. DU TO THIS PROBLEM WITH ENG, OIL COOLER WAS THOROUGHLY CLEANED, AD 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 $\frac{10}{10}$ AEROSHELL MINERAL OIL AND NEW FILTER INSTALLED. ENG HAS BEEN RUN + CHECK FOR LEAKS, NEW POINTS COVERS INSTALLED IN MAGS RE OVER </p>		

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 AS OF 13 MAY 1987	<i>Jeff P. Stanier</i> AP 307583165
Aug 18, 97	2744.4	oil & filter changed serviced with 11 qts Aerostell mineral oil. Engine cleaned run-up checked for leaks, OK		<i>J. E. P. Stanier C-944580</i>
Total To Carry Forward				

and Remarks

~~2812.8~~ TOTAL TIME 2812.8

Signature

Certificate No.

JULY 8/1988 OIL FILTER & OIL CHANGE

INSTALLED 12 QT AEROSHELL 50W

BUCK FOLIO 100K. NOTE NOTED

John P. Stahs
AP 307583165

JULY 14, 1988 TOTAL TIME 2812.8 THIS ENGINE WAS INSPECTED WHILE

ICCHL INSPECTION SHEET PLUGS CLEANED & GAPPED & CHECKED.

#1 CYL NISSAN AURORA SPARK PLUG WAS INSTALLED. TIMING CHECKED

LEADS OK. EXHAUST WAS REPAID. PT SIDE "HAD HOLE IN BOTTOM"

AIR & FUEL FIDEN CK OK AD'S CK 87-26-10

NEXT PAGE.



ENGINE LOG

and Remarks	Signature	Certificate No.
<u>8-29-89, Trade Time 2856.6</u> <u>Changed oil & Filter, serviced with 10qt's</u> <u>Percostell 15W50 oil, Engine washed,</u> <u>Run-up checked for leaks.</u>		
<u>1-19-89 Trade Time 2959.0</u> <u>Changed oil & Filter, serviced with 10qt's</u> <u>Percostell 50W oil, engine washed & Run-up</u> <u>checked for leaks. Exhaust system removed,</u> <u>Repaired, Replaced. 1/20/89 2959.0</u> <u>J.T. Schuhmacher</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →				
8-2-89	14364 2959.0			
	<u>CLEANED & GATED PLUGS, CHARGED</u>			
	<u>OIL & FILTER SERVICED WITH</u>			
	<u>AEROSHELL 5000, REPAIRED</u>			
	<u>CRACKED EXHAUST PIPE,</u>			
	<u>CYL COMP</u>			
	1 2 3 4 5 6 7 8			
	75 75 75 75 75 74			
	80 80 80 80 80 80 80			
			A/C.....	S/N.....
			NO.	
			I certify that this <u>ENGINE</u> has been	
			inspected in accordance with a <u>ACRYNUT</u>	
			inspection and was determined to be in	
			airworthy condition.	
Total To Carry Forward				

inspected in accordance with a AR-1000-12
inspection and was determined to be in
airworthy condition.

airworthy condition.
Inspector Tom P. Bow
1AC46341

L. W. Miller Aviation Inc.

and Remarks	Signature	Certificate No.
<p><u>10/17/87 TACT TIME 2917.5</u></p> <p><u>AT THIS TIME OIL WAS CHANGED & FILTER REPLACED. ENG SERVICED</u></p> <p><u>WITH 11 QTS AEROSHELL 50W. INSTALLED NEW DRY AIR PUMP</u></p> <p><u>PN 14128-005 FOR T6886C. REPLACED BOTH OIL HOSES FROM</u></p> <p><u>COOLER TO ENG. REMOVED LH MAG REMOVED & REPLACED</u></p> <p><u>OIL SEAL REINSTALLED MAG. REMOVED PROP, REPLACED GASKET</u></p> <p><u>ON OIL TUBE PLUG PROP REINSTALLED. ENG RUN CK FOR LEAKS</u></p> <p><u>None noted.</u></p>	<p><i>George J. Blawie</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 CK FOR LEAKS NONE NOTED			
Total To Carry Forward				

and Remarks	Signature	Certificate No.																								
7A47mc 3012.0																										
<p>9-20-96 O'FARRELL & F. I. R. 500 PLANE REC'D 77-12-0 CYL COMP FG OVERDUE</p>																										
<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>75</td><td>74</td><td>72</td><td>72</td><td>74</td><td>74</td><td></td><td></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	75	74	72	72	74	74			80	80	80	80	80	80	80	80	<p>TESTED ON PRECISE HELICOPTER. F. M. S. HOSE & FUEL PIPES TESTED. HOSE & FUEL VENT HOSE FUEL LINE - 96% CLEAR CHPT OIL 56%</p>	
1	2	3	4	5	6	7	8																			
75	74	72	72	74	74																					
80	80	80	80	80	80	80	80																			
<p>9-20-96 2016 419394P 24-4397 2016-09-20 THE ENGINE & PILOT has been</p>																										
<p>inspected and was determined to be in airworthy condition.</p>																										
<p>Inspector <u>John P. Miller</u> 1A046341</p>	<p>J. P. Miller Aviation Inc.</p>																									

ENGINE LOG

Date	Engine Time <u>Top</u>		Recorder Reading	Maintenance
	This Date	Since <u> </u>		
6-18-91	Brought Forward	→ 465.0	3160.0	changed oil & Filter Service with 10qt Aerostar 50W cleaned Engine & Run-up checked for leaks. I.E. Edenthaler
12/17/91	Actual Time	3192.0	SMOH 496.9	AT THIS TIME A 100HR INSE WAS 4W OIL CHANGED & FILTER PLUGS CLEANED & GAPED CKOK TIMING CK OK. FRONT ENG SEAL REPAVED RUN & CK ENG NO LEAKS NOTED.
Total To Carry Forward		ENG RD'S CK THRU 91-14-22		→ <u>NETT</u> <u>PAGE</u>

and Remarks	Signature	Certificate No.
<u>DATE 12/13/91 NO 2102 NC 9394P SN 24-4892</u>		
<u>1 car</u> <u>ENG</u> <u>has been</u>	<u>CYL COMP</u>	
<u>inspected</u> <u>as with a P/N 1000</u>		
<u>inspected</u> <u>determined to be in</u>		
<u>condition</u>		
<u>Inspected</u> <u>by</u> <u>Tom Louis</u>		
<u>EA304553165</u>		
<u>12/28/92 TOCNTIME 3245.71 SMOH 550.6</u>		
<u>CHANGED OIL & FILTER THIS DOT5</u>		
<u>Approx 15/50 w/c NKP 100 CH48110 -</u>		
<u>Ground Run & Accurate</u>		
<u>Tom Louis</u>		
<u>AP 1882274</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11/7/92	Brought Forward →	T.T. 32 80.6	11/11/92	T.S.
				Romarco Manitas & Ropakoo Rotors & Main Breaker Points, Re-Timed to 25° BTDC - Clevers & Gaprod Pwrs, Removed Power To Ropakoo Clevens Prop Seal O'Ring, Ropakoo & Softi Prop. Rct Rotors To Service This Date
				Target → Nov 18 1992
Total To Carry Forward				

and Remarks

Signature

ENGINEER PERFORMED A MAINTENANCE INSPECTION THIS DATE PER
ENGINEER SERVICE MANUAL. INSTALLED NEW HIGH ALTITUDE IGNITION
FIRE SERVICE PIPES. REPAIRED HEAT SHROUD
HARNESS AND REASSEMBLED PIPES. CHANGED OIL AND FILTER 15/50 W
RIGHT SIDE EXHAUST. CHANGED OIL AND FILTER 15/50 W
AFTER 3000 HRS. SWIT. 3700 HRS.
#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 5N61N5
HAS BEEN INSPECTED IN ACCORDANCE WITH
AN 100 HRS. INSPECTION
APPROVED THE 100 HRS. INSPECTION
DATE 4/1/93 3290.0 100
AUTHORIZED INDIVIDUAL P.L. DESIGNATION NO. PPPL10227V

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major CHT		
3/26/93	Brought Forward	→ 1392.60	3307.94	(612 STOH)
				ENGINE CRANKSHAFT SEAL REPAVED, PROP GEARBOX REVALVE SEAL REPAVED, RESEALED PROPELLER, REPAVED AIR PORT, STARTER OIL SICKEN & BRUSH & COMMUTATOR CLEAED & REBUILT, BATTERY BATTERY WONT HOLD CHARGE, RESEALED BOTTOM, ENGINE RETURNED TO SURVEY TNU 1075
				REVERTIVLY — NOT IN USE J. B. NRP1882244
Total To Carry Forward				

and Remarks

T.T. 3345.8

Signature

Certificate No.

7/23/93 Removed Propeller To Rodger Prop. 600. Accor.
Wing, R&R 4N EXHAUST STACK TO REPAIR
COLLISION TIP. READDED ACT. GUN & PILOT. AIRCRAFT
TEST FLOWN AND RETURNED TO SERVICE.

NoP 188227Y
Tawha

9/17/93 CHANGED ENGINE OIL & FILTER TIN
DOLG, WASHED DOWN ENGINES & CAVL ACCS.
AEROSOL 15/50W & CNY810 LITER

T.T. 3369.99

NoP 188227Y

CHANGED OIL 810218/50W 04048910.
Timing CK'D compression As follows
#1 72 #2 70 #3 60 # 47 #70 #621

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

DATE 2/6/91 T.T. 3427.88 TSMO 1612

AUTHORIZED INDIVIDUAL W. J. Hause

DESIGNATION NO. IA390388029 SP

and Number

Signature

Certificate No.

6/1/74

R&R SPARK PLUG REBUILT STARTING U.B. 1000.
CHARGED ON 1000, APPROXIMATE 100W. REMOVED
ALL LINES, INSURANCE NO. 076165 B.C. 1000.
CONFIRMED TEST, SEE ABOVE 70/80.

P. B. No P188227V

T.T. 3543.87

ENGINE LOG

Date	Engine Time		Recorder Reading
	This Date	Since Major	
6/3/95	Brought Forward →	'0'	3543.87
<p>ENGINE WAS MAJOR OVERHAULED & INSTALLED IN N9394P THIS DATE.</p> <p>OUT-CHAUVE WAS PERFORMED IN ACCORD WITH LYCOMING MANDATORY SERVICE</p> <p>BULLETIN # 240M. ALL FLEX HOSES</p> <p>ENGINE LINES, OIL SEALS, BOSCH SENSUS, B</p> <p>CIRCLIPS, LOCK PLATES, RETAINING RINGS, PISTON</p> <p>PINS, PISTON PINS, CRANKSHAFT VALVE REPAIR</p> <p>WITH ALL NEW CHROME CYLINDER, NEW</p> <p>GUIDES, SEATS, ROBISON RING</p>			
<p>Tend To Carry Forward</p>			

and Remarks

Signature

Certificate

Arms, Stves, Gearcase Align Board,
INDEXED, CRANKSHAFT MANUFACTURED, NEW
CL.1 PINS & BEARINGS, ULTRASOUND FOUST), CRANK
GEAR MACHINED PER S.B. ALL REASONABLE
GEARS READING, INSTALLED NEW GEARSHIFT,
FUEL SYSTEM OWN. PERFECT ALL OIL HIPS
GENDERS & BOAR), RELOCATED TOPPET BODY'S,
NEW BOB & MAIN BEARINGS INSTALLED.
BODS REBUSHED & STRAIGHTENED. REPLACE
RED BOUTS AND NUTS (LYCOMING PARTS)
COPY OF ALL WORK PERFORMED ON FILE

ENGINE LOO

Comments	Engine Serial No.	Engine Manufacturer	Recorder Reading	Maintenance
Brake forward	64-2108	Lewis Motor		
for this entry, owner. No copy of check, not first time yellow tags are checked. Auto Svc N/D 100 used for inspection - Act Test known return to Service				
I CERTIFY THAT THIS <u>ENGINE</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>100H</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION DATE <u>6/9/95</u> TT <u>3543.47</u> TSMO <u>20'</u> AUTHORIZED INDIVIDUAL <u>J. G.</u> DESIGNATION NO. <u>1E82274</u>				
Total to carry forward				

