

CAUTION

LOW PRESSURE PROPELLER. CHECK
PRESSURE SCHEDULE IN CAP

CA-003

RT

#1

Chamber Pressure
Requirements With
Temperature For
HC-E2YL-2B(L)S

Temp. °F Press. (PSI)

100	53
70	50
40	47
10	44
-20	42

PART NO. CHP-226

ENGINE LOG



PIPER AIRCRAFT CORPORATION

RT ENG 71 TO 96

NOT IN USE

RT Eng.

ENGINE LOG

RT-Eng

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

Part No. 230 716

OWNER

8964V

NAME

ADDRESS

Installed in
Aircraft No.

Date

1 Dr. Roman Garmy
 Man Garmy Hospital
 2 Butler, Pa

17 Sept
 1971

Warning: This book is not to be used for any purpose other than the one for which it was designed.

If this book is found, please return it to the owner.

ENGINE DESCRIPTION

Manufacturer: LYCOMING DIV. OF AVCO Serial No. L-233-66A

Williamsport, PA Horsepower: 160

Model: LIO-320-B1A FAA T. C. No. 1E12

289641/39-125

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES ON ENGINE AND ACCESSORIES

A. D. No. and Date	Item	Method of Compliance (See Log for Details)	Time on Engine	Date of Compliance	Signature and Certificate No.
74-26-09		Bendix S.B. 556B	632.1	9/25/75	David H. Hammonds
75-09-15		Lyc. S.B. 382		5/14/75	David H. Hammonds
75-08-09		N/A		10/8/79	Fred Williams AP 1389576
78-23-10		N/A		10/8/79	Fred Williams AP 1389576
79-18-BX		N/A		10/8/79	Fred Williams AP 1389576
81-18-04		C/W	0-5mott	9/20/86	Zachy JH 242215968

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			11/11/71 50 hours inspection completed this date
				Charged oil & Filter
				12 000 Gulf 20 W 40
				Billy Fender Q2P1786625
Sept 15, 1972	Completed 100 hr. Prof. Insp. Insp report for annual Insp. Installed New Plugs			
	Served with 45 wt Gulf			
	all Cyl. Comp. 72 to 76 over 8000			
				I certify that this Aircraft has been inspected in accordance with 100 hr inspection and was determined to be in an Airworthy condition. Total time <u>Jack 191:00</u>
Total To Carry Forward			Signature <u>Thomas J. Smith Jr.</u>	<u>171265060</u>

and Remarks

Signature

Certificate No.

Tack time 195: Install prop Governor
Sept 22, 1972: Ser. No. A1835T. Ray Martin P# 2036573.

c/w A.D. 73-10-2 par A (Bendix fuel injector)

DATE Sept. 11, 1973 TOTAL TIME 365.6 HRS.
I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN
ACCORDANCE WITH AN Annual INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

David H. Hammonds

DAVID H. HAMMONDS

1A 1656191

Fountain City Aviation
Columbus, Ga.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
DATE <u>Sep 12, 1974</u>				
TOTAL TIME <u>468.0</u> HRS.				
I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN				
ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS				
DETERMINED TO BE IN AIRWORTHY CONDITION.				
<u>David H. Hammonds</u>				
DAVID H. HAMMONDS		1A 1656191		
FOUNTAIN CITY AVIATION COLUMBUS METRO AIRPORT COLUMBUS, GEORGIA 31904				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
5/14/75 c/w AD 75-09-15 (Lyc. S.B. 382) by replacing P/N 2538998 gasket in flow divider. David H. Hammonds A&P 1656191		
Sep. 25, 1975 c/w AD 74-26-9 by replacing magneto bushing with P/N 10-163049 bushing.		
AIRCRAFTSMEN SOUTH, INC. COLUMBUS METRO AIRPORT COLUMBUS, GEORGIA 31904 PHONE (404) 323-2644	DATE <u>Sep 25, 1975</u> TOTAL TIME <u>632.1</u> HRS. I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>David H. Hammonds</u> DAVID H. HAMMONDS 1A 1656191	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →		DATE <u>Sep 15, 1976</u> TOTAL TIME <u>742.5</u> HRS. I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. <u>David H. Hammonds</u> DAVID H. HAMMONDS 1A 1656191	
2-10-77	TT 797.4	Change oil & filters 8 qts. Sulf 40W wash engine. Arthur J. Yearty AJP 2205598		
Total To Carry Forward				

AIRCRAFTSMEN SOUTH, INC.
COLUMBUS METRO AIRPORT
COLUMBUS, GEORGIA 31904
PHONE (404) 323-2644

DAVID H. HAMMONDS
1A 1656191
AJP 2205598
COLUMBUS, GEORGIA 31904
PHONE (404) 323-2644

and Remarks

Signature

Certificate No.

3-8-77 REPLACE STARTER P/N-MZ 4216

SERIAL # 701194 R =

Thurmon A. Helms, Sr.

APE-1549-A.I.

SQUIRE

6-27-77 total time 85004 change oil + filters -

8qts Gulf 50W + wash engine

Arthur J. Yearty A/P 2205598

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/12/77	Brought Forward →		882.72	100 Hr. INSPECTION Complete
				RESERVICED WITH 40N
				WITH NEW. CLENNET
				MAG TIMING CHECKED,
				THAT THIS ENGINE HAS
				AND WAS DETERMINED TO
Total To Carry Forward				

and Remarks

Signature

Certificate No.

ED) THIS DATE. OIL AND FILTER CHANGED).

GULF OIL. REPLACED ALL SPARK PLUGS
INJECTOR NOZZLES AND REINSTALLED.

AIR CHARGE IN PROP CHECKED. I CERTIFY
BEEN INSPECTED I/O/W A 100HR INSPECTION
BE IN AIRWORTHY CONDITION.

Armand Beauchamp
NEP 416740896

Date 12 Oct 77 Tach 882.72 Reading TT 882.72 VVA

I certify that this engine has been inspected in ac-
cordance with 100HR inspection and was found to
be in an airworthy condition. Charles J. Shiner

AD note checked thru 77-17-8 141304722

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →	July 20, 1978			975 on tank removed prop S/N DP157 and installed remanufactured prop S/N BG 2432 All AD Notes pertaining to the above part have been Chw - replaced alternator belt.
				John Chesnut APL699289
			PIQUA AIRCRAFT COMPANY	
			PIQUA AIRPORT	
			PIQUA, OHIO	
Total To Carry Forward				

and Remarks

Signature

Certificate No.

DATE Sep 22 - 1978 TOTAL TIME 1008.0 HRS.
I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN
ACCORDANCE WITH AN Annual INSPECTION AND WAS
DETERMINED TO BE IN AIRWORTHY CONDITION.

David H. Hammond

DAVID H. HAMMONDS

1A 1656191

AIRCRAFTSMEN SOUTH, INC.
COLUMBUS METRO AIRPORT
COLUMBUS, GEORGIA 31904
PHONE (404) 323-2644

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10/8/79			1230.39	I CERTIFY THAT THIS ENG.
				WITH A 100 HOUR INSPECTION
				THIS TIME, ALL SPARK PLUGS
Total To Carry Forward				

and Remarks	Signature	Certificate No.
HAS BEEN INSPECTED IN ACCORDANCE		
AND WAS FOUND TO BE AIRWORTHY AT		
REMOVED AND CLEANED - MAG TIMING CHECKED	Fred Williams	AP1589576
Date <u>10-9-79</u> <u>RT. ENGINE</u> Total Aircraft Time <u>1230³⁹</u> I certify this		
<u>ENGINE</u> has been inspected in accordance with a		
<u>ANNUAL</u> inspection and was determined to be in air- worthy condition.		
Signature <u>Emer W Johnson</u> A&P No. <u>A 1-1069997</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →		1250	REPLACED AIR PUMP
3-29-80			1300	Oil Filter Changed. Test
Total To Carry Forward				

and Remarks	Signature	Certificate No.
WITH A NEW UNIT DUE TO FAILURE,		
OIL AND FILTER CHANGED	Fred Wilhelm	AP1589576
Ran For Leaks OK	M. Clark	AP516813

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
AIRCRAFT ENGINEERING INC. BARTOW AIRPORT 813-533-1870				
DATE <u>10-13-80</u>	TAC <u>1369</u>	TT <u>1369</u>		
I CERTIFY THAT THIS <u>ENG</u> HAS				
BEEN INSPECTED IN ACCORDANCE WITH AN				
<u>ANNUAL</u> INSPECTION AND HAS BEEN				
DETERMINED TO BE IN AIRWORTHY CONDITION.				
AD'S THRU CARD <u>80-17</u>				
AD LIST BACK OF LOG BOOK.				
SIGNATURE <u>Bill Tunley</u>				
	RATING <u>PA 210477</u>			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

BRUSH SET + WASH SPUR
FLIGHT TEST NORMAL
Bill Turley
FA 2109777

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
20 JAN 80	Brought Forward →		1406.5	CHANGED OIL-SERVICED WITH 8qts
Total To Carry Forward				

and Remarks

Signature

Certificate No.

AEROSHELL W-100, REPLACED FILTER (OF-11A)

Kenneth R. Miles AEP 291480324

7-28 TAL 1454 Just NW

Oil + Oil Filter Clean

& LCB BENDIX DRIVE

WASH SPAN RUN UP

BMI Tally

FD 210072

AIRCRAFT ENGINEERING
BARTOW MUNICIPAL AIRPORT

RT. 3, BOX 246

BARTOW, FLORIDA 33830

813 - 533-1870

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	AIRCRAFT ENGINEERING INC.			Comp TEST
	Bartow Airport			80PSI 76767676
	813 / 533-1870			OIL + FILTER
	Repair Station FAA Approved #764-84			80T REPAIR
Date	10-8-88	TAC 1498 TT 1498		
I certify that this <u>ENGINE</u> has				MAL LEAKS +
been inspected in accordance with an				MINOR OIL LEAKS
<u>Annual</u> inspection and has been				WASH SPIN RUN
determined to be in airworthy condition.				UP NORMAL
AD's thru card <u>87-20</u>				
AD list back of log book. <u>4239</u>				
For details work order # <u>BH Enly</u>				
	Signature <u>step.</u>	Rating		
Total To Carry Forward				

and Remarks	Signature	Certificate No.
7-13-82 TAC 1580.6 50 H_v C/W As Per Serv MAN Cleaned & Set Gap on spark-plugs changed oil & Filter 8 qts Acroshell 100 50W. checked Eng For leaks. Tightened Tac dr. Assy Herbert H. Lelford AP 273301662 Roberts Flying Serv. Lakeland Fla. comp CML 1⁸⁹⁰ 2⁷⁸⁰ 3⁷⁹⁰ 4⁷⁸⁰		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward → AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 Repair Station FAA Approved #764-84			Comp TEST 80% 76 76 76 76	
Date	TAC	TT	OIL & FILTER 80%	
11-9-82	1611	1611	77-126 PROP	
I certify that this <u>EWB</u> has			WH R+R 4 BOTTOM	
been inspected in accordance with an			PLUGS CRASH	
<u>AD</u> inspection and has been			ADUR RUN UP	
determined to be in airworthy condition.			normal	
AD's thru card <u>82-22</u>				
AD list back of log book. <u>839</u>				
For details work order # <u>811</u>				
<u>EWB</u> Signature				
<u>EWB</u> Rating				
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	1708		
6-29-83	Oil + FILTER 80T			
	WASH UP DOWN RUN			
	UP NORMAL			
	BMT Empty			
	IDA 2194720			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Comp TEST 80PSI

76 76 X 76

AIRCRAFT ENGINEERING INC.

Bartow Airport

813 / 533-1870

Repair Station FAA Approved #764-84

Date 11-10-83 TAC 1769 TT 1769

I certify that this ENG has

been inspected in accordance with an

A inspection and has been
determined to be in airworthy condition.

AD's thru card 83-21

AD list back of log book.

For details work order # 1635

Signature BM Rating

OIL + FILTER 80T

WAX OIL COOLER

WAX WAX

FILTER WAX JEX

GSK. WASH DOWN

RUN OP WAX

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	4-13-84		TAI 1810	
		OIL &	FILTER	80
		WASH	down	run up
		NOV	mk	AM only
				DD 210470
Total To Carry Forward				

and Remarks

Signature

Certificate No.

COMP TEST 80MS!

74 76 78 7L

AIRCRAFT ENGINEERING INC.

Bartow Airport

813 / 533-1870

Repair Station FAA Approved #764-84

Date 11-23-84 TAC 1858 TT 1858

I certify that this ENL has

been inspected in accordance with an

A inspection and has been determined to be in airworthy condition.

AD's thru card

AD list back of log book.

For details work order #

Signature

Rating

011 + FITTER

80A A+U All

PLUS AY 78-9

FSP. WASH DOWN

AVN UP DOWN

84-22

2455

BM

FA 2104727

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-29-85	Brought Forward →	1941.0	Changel Oil Changel Oil	
			Same Lubel Compressor Oil	
			May parts & timing Ryloval	
			Chub State ENGINE AD's	
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>Annual</i> INSPECTION AND IS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS ON FILE UNDER WORK ORDER				
DATE 11-29-85			TOTAL TIME 1941.0	A.D#
FA 1499133			William K. Shultz	
Total To Carry Forward				

Remarks	Recorder Reading	Signature	Certificate No.
Fath Cleaned Fuel Fil.			
and 1/2 Gage and Spool Pumps. Checked			
Alt. Pressure. Checked EPR System			
Ther. 85-82.			
81-18-04 DUE 2000.0 Hrs.			

ENGINE LOG

COASTAL AIR ENGINE SERVICE, INC. OF N.C.

Model L10-320-B1A Serial # L-233-66A

Engine was removed from aircraft for major overhaul. Engine was disassembled, cleaned, and inspected. All steel parts were magnafluxed, all non ferros metals were zyglo inspected as needed. All cylinders were honed, installed all new pistons, new rings, new exhaust valves, reconditioned intake valves, new valve keepers. Seats and guides were cut or replaced as needed. Crankcase was assembled, using all new main bearings, all new rod bearings, new camshaft, new seals, gaskets, clamps, rubbers, and hoses. Installed all new intake hoses, all new drain hoses. Starter, mags, alternator were checked and repaired as needed.

Total
Carry Forward

Engine was installed back on aircraft N8964Y, test run
and found to airworthy this date. AD Note 81-18-04 CW.

A&P John W. Stroupe

John W. Stroupe

A&P # 1266288 date

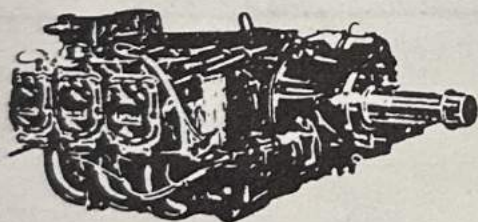
09-20-86

tach time

1983 83

COASTAL AIR

HIGHWAY 321 SOUTH
GASTONIA, N.C. 28052



Coastal Air Engine Service Warranty

All engines warranted against defect in material and workmanship to 100 hours, to include parts and labor. An additional pro-rated warranty, parts only to 1000 hours. All parts and labor to be approved by Coastal Air prior to commencement of work. Cracked cylinders and crankcases excluded from all warranties unless it can be determined that they are a direct result of improper assembly. Loss of revenue or use of aircraft claims will not be allowed, Accessory items to be warrantied by vendor of such items.

and Remarks	Signature	Certificate No.
Filter. Clean Oil Screen,		
80. Install All New.		
All AD's thru 8621.		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-24-87	Brought Forward →	TAC 2035.40	TAC - 1983.85 TSMOH 51.57	Changed Oil and filter Filter element Champion Engine cleaned and test
8-23-87		TAC 2052.86		Changed all spare
9-27-87		TAC 2073.74	89.91	A/S W100 SAE 50 Change Oil and filter, Set engine oil pressure, door mechanism Clean
Total To Carry Forward				

and Remarks	Signature	Certificate No.
replaced (w) 7 qts. Aprashell w 100 SAE 50 CFO - 100 run - no leaks	RA Duce	ATP 1633574
plugs (w) Champion REM 40E	RA Duce	ATP 1633574
re-safety oil filler tube, clean airfilter, repair mag P lead, repair alternate air and inspect engine	RA Duce	ATP 1633574

Total To
Carry Forward

SERVICEABLE

(PROPELLER)

MAKE Hartzell Sn BG2432

MAKE

SERIAL

HC-E2YL-2BJ5

MODEL

MAINTENANCE RELEASE

The propeller identified above was ☒ ~~repaired~~
☒ overhauled and inspected in accordance with
current regulations of the Federal Aviation
Administration and is approved for return to
service.

Pertinent details of the repair are on file at this
repair station under; work order:

NO. 605

DATE Dec 2, 1987

OWNER: _____

SIGNED FOR:

Joe Z Brobst

Repairman's Cert. No. 2353450

OCEAN SIDE PROPELLER SERVICE, INC.

370 Golden Knight Blvd.

Titusville, FL 32780

FAA Repair Station #764-123

305-267-0086

and Remarks

Signature

Certificate No.

Aircraft Engineering Inc.

Bartow Airport

813 / 533-1870

Repair Station FAA Approved #764-84

Date

12-8-87

TAC

2084

91

I certify that this

EML

has

been inspected in accordance with an

inspection and has been determined to be in airworthy condition.

AD's thru card

87-19

AD list back of log book.

For details work order #

5776

Signature

Rating

76 78 76 76
 77-52 76 0000
 0157 ACT 1825
 4 CROOK 5201
 60 ELES 84-26-2
 474 FUTURE
 474 1 VALUE
 GSK 450000 800000
 474 AIR FUTURE 4000
 474 4000 4000 4000

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
1-28-88			2101:71	Changed engine oil (w)
2-28-88			2110:00	R/H TAC REPLACED. Time set
				Yellow tag attached this
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Aeroshell W 100 SAE 50 - 7 QTS

RA Incoe

ATP 1633574

to 2110:00 to match L/H TAC

RA Incoe

ATP 1633574

-SERVICEABLE-

FLA. AIRCRAFT INSTRUMENTS, INC.
Municipal Airport
Leesburg, Florida

Repair Station
No. 708-7

Model RT 7 Serial No. 330
Type TACH Mfg. Stewart WARNER
Customer Bob INSCOE

☐ Calibrate
☐ Repair

☒ Check New
☐ Overhaul

T.S.O. _____ TTIS _____

Work Order No. I-8057-7 Date 2-26-88

Mechanic ALW M-T Inspector Ren

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-19-88	Brought Forward →	143.63	2128.46	Changed Oil and filter Aero-run and checked for leaks.
5-21-88			2154.52	Changed engine oil Aero-
9/28/88			2184.	Changed oil & FILTER
9/30/88			2188	Cleaned & tapped Plugs
12/5/88	TRCH 2231.20			Changed oil, oil FILTER installed
1				PCA STC, 55859 GL, Slick Service
1			OK	1. J. D. Sch
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Shell w100/50 ; Champ Cfo-100 . Eng. test	RA Incoe	AP 1633574
Shell w100/50	RA Incoe	AP 1633574
Test Run check OK	Tom St. et.	A/P 536-26-3292
	Tom St. et.	A/P 536-26-3292
4 BEM 40 E Plugs (Top) installed New Slick Wings & MG HARNESS better SL-3-85 KIT # 1526 Timed ENGINE, Test Run checked OK A/P 536 263292 installed CCA1200 DRAIN VALVE		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 <i>50105</i>				
Repair Station FAA Approved #764-84 Date <i>1-6-89</i> TAC <i>2233</i> II <i>250</i>				
I certify that this <i>EAL</i> has been inspected in accordance with an <i>D</i> inspection and has been determined to be in airworthy condition.				
AD's thru card <i>88-23</i> AD list back of log book. For details work order # <i>69113</i>				
<i>BUT</i> Signature <i>TRSA</i> Rating				
Total To Carry Forward				

1. COMPRESSION TEST 80 PSI
RE 76-76-76-78
2. SET IDLE MIX & SPEED

TRSA
CRS# 764-84

and Remarks	Signature	Certificate No.
6/8/84 Tach 2272.67	Changed oil & oil filter	
TEST Run Bay checked for leaks checked OK.		
Jm. D. Siskind	J/P 536-26-3292	

ENGINE LOG

Date	Engine Time		Recorder Reading
	This Date	Since Major	
	Brought Forward →		
AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 <i>Summary</i> Repair Station FAA Approved #764-84 Date <u>2-9-79</u> TAG <u>2404</u> Total Time <u>411</u> I certify that this <u>EWB</u> has been inspected in accordance with an <u>AD's thru Card</u> inspection and has been determined to be in airworthy condition. AD list back of log book. For details work order # <u>7306</u> <u>BM</u> Bill Turley Signature <u>Inspector</u> <u>Rating</u> Total To Carry Forward 			

 ANNUAL INSPECTION (RIGHT)
 N88WW TACH. 2404

1. COMPRESSION TEST 80 PSI:
78 72 78 78
2. CHANGED OIL AND FILTER
(USED 8 QTS)
3. SET RIGHT ENGINE'S RPM
UP BY 100
4. REPLACED OIL COOLER HOSE
5. REMOVED AND REPLACED
ALTERNATOR BOLTS

 AIRCRAFT ENGINEERING, INC.
 CRS 764-84

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
09-18-90	2163.0			Change oil & filter
3-5-91	T.T. 2553.2			
	Drained oil, Cleaned screens, changed Filter, installed new			
	Comp. CR. #1 76/80 #2 76/80 #3 72/80 #4 78/80 Cleaned &			
	Aero Shell w100 Comp. with AD Note 84-26-02 new filter,			
	100 hr. inspection and found to be in airworthy. C			
Total To Carry Forward				

and Remarks

Signature

Certificate No.

Clean & Regas plugs

Mikhele 26581878

seal on oil stick tube, installed New Air filter

Gaped plugs, Cleaned Fuel injectors Added 8 qts

I certify this Eng. has been inspected I/A/W IN

and this Date (Enr) Philip E. Verna

APP 1493136

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
12-24-91	TT 2689.7			Change oil & filter,
4-1-92	T.T. 2679.76	SMOH 695.83		
	Comp. Ck. #1 74/80 #2 75/80 #3 74/80 #4 74/80			Changed oil & Filter Cleaned
	Screens Added 8pts Aero Shell 100			Removed prop installed new Alternator Belt
	installed prop with new seal, replaced all exhaust gaskets with 5 new studs and all			
	new nuts, repainted and replaced all battling seals, Gaped all spark plugs, New Air Filter,			
	repaired & Repainted air-boxes Ck AD 90-0406			Lube all Controls & props (End)
	Philip E. Vanman AHP 1793136			
Total To Carry Forward				

Date 4-1-92 T.T. (R) 2679.76 SMOH (R) 695.83
 I certify that this ~~AC~~/Eng. has been
 inspected in accordance with a Annual
 inspection & has been found airworthy.
 Sig. Philip E. Vanman
 Cert. # JA 1793136

and Remarks

Signature

Certificate No.

896 Hovershell 31AE 50W.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
4-15-92	TT 2684.76	Tach 700.93		
	Replaced Fuel pump with overhaul part #41234			
	Ser # P2-0064, Flow Divider part #2524327-2			
	Ser # 984V and Fuel injection Servo part #2524328-9			
	Ser # 33476 Eng. Run up. dt. Philip C. Lemon			
				Ad P 1783136
Total To Carry Forward				

[illegible]

Mfg. PRESTOLITE Part No. ALX8421R5
Serial No. 2060653 ESI P/N 01618
Model ALTERNATOR

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 12563 Date 06/10/92

Signed: *Randy Toliver*



ELECTROSYSTEMS, INC.

P.O. Box 273 205/227-8306 TWX 810-744-3450
FORT DEPOSIT, AL 36032 U.S.A.

F.A.A. APPROVED REPAIR STATION NO. UT2R226L

ENGINE

Re
Re

Aircraft Engineering Inc.
Repair Station VF4R594M
7/14/92 R/H Tac.2779.5 N88WW
1.R&R alternator with overhauled
unit.

13W SEA 2109725

Total To
Carry Forward

9-11-92 CPJL Bal
WAIVE FUEL JUNE
SPN 92 F096 PM
722504311

SERVICEABLE PART

MANUFACTURER AC/ LYCOMING

PART NAME FUEL PUMP

MODEL 41234

PART NO. 1

SERIAL NO. 92F096

REMARKS: OVERHAULED & TESTED 5332
REPAIRED & TESTED C/W SB 001

ACCOMPLISHED BY: T. WALL

THE AIRCRAFT COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THIS ORDER NO.

7126

DATE

9-8-92

Signed

FAA-RPMN
2365230

Signature of Authorized Representative

FOR:

AERO ACCESSORIES INC.

1240 Springwood Church Road

Gibsonville, NC 27249

FAA Cert Rep. Sta. No. YV4R688M

(919) 449-5054 • (800) 822-3200 • Telex: 9102400614

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1/27/93	Brought Forward →		2854.61	Removed Exh. Stacks
	From Left Front + Rear + RT. Rear cyls.			
	Repaired by Dewey Austin. Reinstalled Stacks. See maint. Release from Dewey in Records. Paul W. Helgren			1372124 Ad ^{7A}
2/16/93	Tach 2887.41 hrs		oil changed and 8 qts #50 AeroShell W added. New oil Filter cartridge installed. Section Screen checked ok. Pump po leaks	
				Paul W. Helgren 1372124 Ad ⁸
Total To Carry Forward				

and Remarks

Signature

Certificate No.

5/14/93 2933.44 hrs. oil changed, new Filter Element
Installed 8 qts #50 W AeroShell Added. Removed Both
mags. Installed New Vent Cap In RT. mag. New
Contact Assy. Kits Installed In Both mags. Dist. gears
& Blocks Cleaned, Insp. & lubed. New Rotor gear on
Left mag. Installed mags on Eng. To correct position.
RePainted Cooling Shroud on Eng. Driven Fuel Pump.
New Fuel Line Installed From Servo To Flow Divider
clw 400 hr Valve Inspection Per Lycoming Instructions
on PA39 Insp. guide. 4 New Rocker Box gaskets.
Retorqued Alternator Through Bolts Per Electro-Systems Placard.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance																														
	This Date	Since Major																																
5/14/93	Brought Forward →		2933.4/hr.	New Flange Gaskets & Hase Couplings on #1 & #3 Intake Pipes Replaced . Replaced missing Terminal Nipples on mag. P Leads.																														
<table border="1" style="margin-right: 20px;"> <thead> <tr> <th colspan="6">Cold CYLINDER NO.</th> </tr> <tr> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>73</td> <td>77</td> <td>77</td> <td>76</td> <td>X</td> <td>X</td> </tr> <tr> <td>80</td> <td>80</td> <td>80</td> <td>80</td> <td>X</td> <td>X</td> </tr> <tr> <td colspan="6">COMPRESSION CHECK</td> </tr> </tbody> </table> AD 90-04-06 R1 clw By Installing Stainless Steel Line Assy 75167, 75165					Cold CYLINDER NO.						1	2	3	4	5	6	73	77	77	76	X	X	80	80	80	80	X	X	COMPRESSION CHECK					
Cold CYLINDER NO.																																		
1	2	3	4	5	6																													
73	77	77	76	X	X																													
80	80	80	80	X	X																													
COMPRESSION CHECK																																		
CLIP, STD-1930 Hase, STD-1838 Bolt, LW-16266-25-38 clw. Installation made Per AB Instructions Appendix 1, Lycoming SB-488A Supplement #1 For SB 488A S.I. 1435. Existing Elbows were steel. AD #																																		
Total To Carry Forward			93	205-212 N/A AT THIS TIME																														

and Remarks

Signature

Certificate No.

~~Because Pump Has Letter 'S' Stamped Above Inlet Ports~~
~~and Release Has Appearance of AAI S Boat.~~

AD 92-12-05 (Piston Pin Failure) N/A Because Records
Reflect No Pin Replacement During Affected Time Period AD

91-14-22 (Crankshaft gear Attach Bolt) Due At Eng. overhaul,
prop strike, sudden stoppage on gear train repair. New Packing

Seal on Fuel Inlet Fitting of Servo. Cleared Lead

Deposits From Spark Plugs, gapped Plugs. Removed

Heavy Lead Deposits From Lower Plug Holes. Installed

→ New Lycoming Fuel Pump LW15473 Per owner

Request To Avoid Further Problems with overhauled Pumps,
This Pump Installed with New gaskets & O-Rings on Fittings

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5/14/93	Brought Forward →	New Contact Kits Both mags, New Rotor gear on left mag, clean, RST. & tube Dist. Sections of Both mags. Installed lock washers where missing on Fuel Servo mount studs & Servo Adapters. New Hose From Servo to Fuel manifold. Eng. Washed, Controls Lubed, Run up Normal. Adjusted Idle RPM to 1700. Pen P. Pen normal. A/S checked to date, see A/S sheet Airframe manual. Oil chg. 8 qts AeroShell 50W, New. 1st Second Lease gnd. wire on ALT. Rotor gear Thru Bolts on ALT. Lye. 400hr. valve RST. & LW. Replaced Cooling Shroud on Eng. Fuel Pump with New mounting lugs. Paul W. Helgren 1372124 AD-7A		
Total To Carry Forward				

and Remarks

Signature

Certificate No.

AD 77-12-06 12/21/77 (Hartzel S.L. 61R 2/28/92)

IS NOW DUE AT 12,000 Hour Time In Service Intervals,

Present Tach Would Indicate 14,084 hrs. When Due Again.

Paul W. Helgren 1372124 AA

Prop Blades Dressed, ^{Propeller} ~~I certify that this aircraft~~
 Added A.H. To ~~has been inspected in accordance~~
 Prop Dome. ~~with A 100 hr. inspection~~
~~and was determined to be in~~
~~airworthy condition.~~ 849:44 hrs
 Date May 14 1993 Since O.H.

Tach hrs. 2933.44 hrs.

Signed Paul W. Helgren 1372124 AA ITA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			Engine
				is NOTING THAT THIS ENGINE has been inspected in accordance with <u>A 100 hr</u> inspection and was determined to be in airworthy condition.
				Date <u>Aug 14, 1993</u>
				Total Time Eng. <u>2933.44 hrs.</u> <u>Pon Brooks</u>
				<u>L. L. A.</u> <u>Tech</u>
				Signed <u>Paul W. Higgins 1372124-1A</u>
				882.97 hrs, Since MoH.
				Left Tech used to compute Time Since off.
<u>7-24-93</u>			<u>2992.66</u>	<u>DRAINED OIL INSTALLED NEW</u>
				<u>AND SERVED WITH 8qt. Aero</u>
Total To Carry Forward				

and Remarks

Signature

Certificate No.

CHAMPION C70-100 FILTER ELEMENT

Mr. Beckham

RSP
1591630

SHELL OIL W100

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-17-93	Brought Forward →		3016-03	1850 HOURS LW 16266-10-13 CLANK WITH STD 860 SCREWS 10-32 x 5/8 AD 93-02-05 COMPLIED WITH
1-26-94			3101.64	(8) EIGHT NEW REM 40E SPARK SUCTION SCREEN CHECKED OK,
Total To Carry Forward				

and Remarks	Signature	Certificate No.
LW 16266-10-75 CHAMPS, SECURED		
AND SFO 670 NOT 10-32 SIZE LOOKING		
PER SB NO342 A	M. Beckham	AJP 1591630
PLUGS INSTALLED, OIL CHANGED & NEW FILTER ELEMENT		FO100 INSTALLED
8qt #50W AeroSlew/1 ADDED.	Akl Beckham	AJP 1591630

6/7/94

Brought
Forward →

3149.49 hrs

Oil changed, 8 qts Ac Shell

100w Added. New Filter Element

Installed. Section Screen Checked

OK. Spark Plugs cleaned

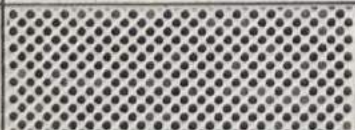
+ Regapped. New Lower Ignition Leads on #2 + #4.

Magneto Removed, Check Contacts + Reset 'E' gap. Clean,

InSP + Lube Dist. Section. Reinstall on Eng. Clean Injector

Nozzles. Alternator Rebuilt with New Fan Assy.

Installed New mount Bracket, Bolts + Plate For Alternator.

Total To
Carry Forward

New Nuts + Bolts To Attach Alternator

CYLINDER NO.					
1	2	3	4	5	6
78	77	76	78		
80	80	80	80		
COMPRESSION CHECK					

and Remarks	Signature	Certificate No.
To Bracket. New Idler Pulley Bracket And Attach Bolts. New Cooling Duct For Alternator. Removed Lead From Lower Spark Plug Holes. Secure Discharge Elbow In Dry Air Pump Replaced Cushion clamp on manifold Pressure Line AT oil Cooler Bracket, Clean + Reglue Crankshaft oil Seal.		
AD 93-02-05 clw By ZSP. only at Fuel Injector Lines, clamps, & Supports (SB342A) Due E160hr, Annual on maint. Regarding Line Removal. AD'S were checked to Date. Controls Lubricated & checked For Travel. Starter Repaired with Overhauled Starter Drive By ElectroSystems, maint. Release Attached. New Washers In Starter Drive, New M2-298 Bearing In Drive		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →	Housing.	New Bendix P.M (90-2140) Installed		
O Perstoz Noamsl,	Paul W Hilgren	/1372124 AR-IA		
				I certify that this engine Engine has been inspected in accordance with A 100 hr. inspection and was determined to be in airworthy condition. Date June 7, 1994 Total Time Eng. 3149.49 hrs. Per Records Signed Paul W Hilgren 1372124 AR-IA
Total To Carry Forward				

and Remarks

Signature

Certificate No.

6/7/94 Prop Blades Dressed, Serviced Air Change ~~in~~ Done And
Greased Prop Hub, Paul W. Helgren 1372124 APT-FA
Propeller

I certify that this ~~aircraft~~
has been inspected in accordance
with A 100 hr inspection
and was determined to be in
airworthy condition.

1065.49 Since
overhaul.

Date June 7, 1994

Total Time Prop 3149.4 Hrs.

For Records

Signed Paul W. Helgren 1372124 APT-FA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10/11/94	TACH	3208.8		CHANGED OIL + FILTER AND ① CFC-100 OIL Remov — END —
7/1/95	3278.7	1194.7		c/w Annual Inspection Clean & gap Spoke Chkd Valve Clearance installed Int. Rocker Gsks. Engine No leaks No fuel.
DATE <u>7/1/95</u> T.T. IN SERVICE <u>3278.7</u> 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. <u>Phil H</u> <u>TA44626512</u>				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

USING 8 QUARTS ARROSHELL 100W OIL,
FILTER. WASHED - RUN-UP, LEAK ✓ GOOD.

J. Mangin

SUN AIRCRAFT SERVICES
CRS UNGR 574L

Chaged oil & Filter ched Screen
plugs. Comp test #1 $75/80$ #2 $76/80$ #3 $79/80$ #4 $74/80$
Replaced #1 cylinder Pushrocks Ex. Side -14
Side -15 installed. Installed all New
Runs performed all Systems Ched good.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8/1/96	Brought Forward →	1400.71		
R# Tach	3384.54	c/w Annual Inspection per PA32		
	inspection ch lub Comp test #1 76/80 #2 78/80			
	#3 79/80 #4 78/80	Changed oil & Filter checked		
	Suction Screen & Oil.	Changed #2 cylinder push		
	Red Seals. Tightened all intake Casing Clamps.			
	Run up & check good No leaks Noted.			
	I certify that this Engine was inspected			
	I/A/w an Annual Inspection & was determined			
	to be in Airworthy Condition.			
Total To Carry Forward			D. Smith JA44626512	

PIQUA AIRCRAFT COMPANY (INC.) Piqua, Ohio

Form #706

Serviceable Part

Date

8-10-72

Hartzell Modified Governor Model

F-6-3AL

Serial No.

AIP35T

Remanufactured ☒

Overhauled ☐

Repaired ☐

TEST RESULTS OR OTHER SPECIFICATIONS

Relief Valve Pressure

285

High R.P.M. Stop

2330

Lever Quadrant Travel

—

For

1600

R.P.M. Tested

Capacity 16.0

Q.P.M.

—

at 1750 R.P.M. at 50 P.S.I. Supply

—

Remarks: Replaced all gaskets and seals, all gears magnafluxed.

