

LEFT-ENGINE

ENGINE LOG



PIPER AIRCRAFT CORPORATION

N 86214

ENGINE LOG

PIPER AIRCRAFT CORPORATION

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

Part No. 230 716

LEFT

ENGINE DESCRIPTION

Manufacturer: Lycoming Div. of AUCO

Serial No. L-3832-55A

Williamsport, PA

Horsepower: 160

Model: IO-320-B1A

FAA T. C. No. 1E12

Engine Accessories	Serial No.	Weight

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.
70-16-3 MAR 9, 1971		PROP INSPECTION	321:35	9-9-71	J. L. Reel A81329869
71-15-2		INSPECT FAN BLADE	677.81	11-2-72	Horvath & Brown 703-2
72-15-2		alternator fan replace	677.81	11-2-72	Henry J. Pope 703-2
73-10-2	"A"	FUEL INJECTOR INSPECTION	862.91	05/18/73	Henry J. Pope 703-2
73-10-2		DOES NOT APPLY TO THIS UNIT.			Eugene Livingston 703-2
75-09-15		Flow divider gasket	1511	3-21-75	W. J. Faye AEP 2109178

and Remarks	Signature	Certificate No.
100 hr. inspection completed. Oil & filter element changed. Fuel screens cleaned. Retimed right magneto to 25° Compression check 1- 78/80 2- 80/80 3- 80/80 4- 80/80. Engine washed & ground checked normal. Details on W.O. 0068 & 0069.		
I CERTIFY THAT THIS AIRCRAFT ^{ENGINE} HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION. DATE <u>10-3-69</u> TIME IN SERVICE <u>105:4</u> <u>Price Hedford</u> Inspector NAME _____ NO. _____		
FAA APPROVED REPAIR STATION NO. 4329 MAINTENANCE & SERVICE DEPT. SOUTHEAST AIRMOTIVE CORP. DOUGLAS MUNICIPAL AIRPORT CHARLOTTE, N. C. - PHONE EX 9-0457		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			Changed oil Changed oil Filter. Cleaned fuel Screen Compression ck 1078 @ 25 @ 25 @ 25 Ground operation checked Normal. I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 Hr.</u> Inspection and was determined to be in Airworthy condition. Cannon Aircraft Sales & service, inc. CRS # 377 date <u>5-29-50</u> <u>1208</u> Signature <u>Herbert E. Deal</u> <u>111.0.4529.</u>
Total To Carry Forward				

and Remarks

Signature

Certificate No.

100 hr. inspection completed. Oil & filter changed.
Fuel screens cleaned. Compression check 1-76 2-80 3-78
4-80. Installed new SR 88 plugs. Replaced all push
rod seals & rocker cover gaskets. Replaced induction
air filter. Engine washed & ground checked normal.
Details on W.O. 0556 & 0557.

I CERTIFY THAT THIS ^{ENGINE} ~~AIRCRAFT~~ HAS BEEN INSPECTED
IN ACCORDANCE WITH A 100 hr.
INSPECTION AND WAS DETERMINED TO BE IN AIR-
WORTHY CONDITION.

DATE 11-9-70 TIME IN SERVICE 299:5

Arice Lelford A & P 1424926
NAME NO.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-9-71	Brought Forward →		321:35	100 hr. inspection complied with blades installed # 760-335 installed. an file at Thurs-
Total To Carry Forward				

and Remarks

Signature

Certificate No.

completed. A.D. 70-16-3
by Hartzell. Repaired
at factory. Piper Kit
Details of inspection are
on A iration, Charlotte, N.C.

J. L. Reef

A&P
1329869

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →		423:24	7-17-71 100 hr Insp't. Completed Filter Installed
Total To Carry Forward				

and Remarks

Signature

Certificate No.

this date: Oil changed, New
compression Check #1 6-1/80 #2 7-2/80

#3 6-7/80 #4 6-3/80 no

Outstanding AD notes Details

on WFO 00017 Thurston Aviation

[Signature] AP 1076583

THURSTON AVIATION, INC.

F.A.A. APPROVED

FAA FORM NO. 703-2

DOUGLAS COUNTY AIRPORT

CHARLOTTE, NORTH CAROLINA 28208

and Remarks

Signature

Certificate No.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. 100 hr. Insp

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

No. 00229

Date 25 JAN 72

Signed Eugene Livingston for

(signature of authorized representative)

(repair station name)

(certificate no.)

Tech Time - 5.30.3

(address)

THURSTON AVIATION, INC.

F.A.A. APPROVED

REPAIR STATION NO. 703-2

DOUGLAS MUNICIPAL AIRPORT

CHARLOTTE, NORTH CAROLINA 28208

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-6-72	Brought Forward →		622.0	REPLACED LEFT ENGINE LINKAGE & INJECTED MIXTURE. NEW
Total To Carry Forward				

and Remarks

Signature

Certificate No.

ONE FUEL INJECTOR. ADJUSTED
OR IDLE SPEED AND IDLE
INJECTOR SIN 22842/36

Eugene Livingston

AK 350429

and Remarks

Signature

Certificate No.

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired 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 Order

No. 1058.

Date 8-8-72

Signed Eugene Livingston for
(signature of authorized representative)

THURSTON AVIATION 7032
(repair station name) 110469
(certificate no.)

TACH READS - 631.2 hrs.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →				
The aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current FAR Part 43 and approved for return to service by the repairman who performed the work.				
Signed _____				
(Signature of authorized representative)				
Propeller, or appliance identified above was repaired and inspected in accordance with current FAR Part 43 and approved for return to service by the repairman who performed the work.				
Signed _____				
(Signature of authorized representative)				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired 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 Order

No 1161.

Date 10-17-72

Signed

Eugene Livingston

for

(signature of authorized representative)

THORSTON AVIATION

(repair station name)

AKC 703-2
350429

(certificate no.)

DOUGLAS APT. CHARLOTTE, NC

(address)

OVERHAUL ALTERNATOR. C/W

SERVICE LETTER # 627.

TACH READS 663 HRS.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-2-72	Brought Forward →		0677.81	Inspected Alternator note Prestolite Work Order # 1184 Replaced Alternator Jan I/A/W Prestolite AD 72-15-2 on w.o. # 1184. Frank Pope for Thurston Aviation 703-2
Total To Carry Forward				

and Remarks

Signature

Certificate No.

in compliance with AD

72-15-24

Thurston Benson

THURSTON AVIATION, INC.
F.A.A APPROVED
REPAIR STATION NO. 703-2
DOUGLAS MUNICIPAL AIRPORT
CHARLOTTE, NORTH CAROLINA 28208

and Remarks

Signature

Certificate No.

"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection 100 hr.

"Pertinent details of the repair are on file at this repair station under order

No. 1258 Date 1-26-73

Signed Eugene Livingston For
Thurston Aviation, Inc. 703-2
Charlotte, North Carolina 28208

Test time - 740.8 hrs.

Comp TEST - #1 - 75/80 #2 - 78/80

#3 - 77/80 #4 - 75/80

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			4-26-73 Tach 925.3
	Compression OK-			"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. 100 HR. IWS "Pertinent details of the repair are on file at this repair station under Order No. <u>1378</u>. Date <u>4-26-73</u> Signed <u>Eugene Livingston</u> for (signature of authorized representative) <u>THURSTON AVIATION</u> <u>703-2</u> (repair station name) (certificate no.) <u>P.O. Box 27052</u> (address)
	#1 -	68/80		
	#2 -	75/80		
	#3 -	78/90		
	#4 -	75/80		
Total To Carry Forward				

and Remarks

Signature

Certificate No.

COMPRESSION CHECK

CYL. #1 $7\frac{7}{80}$ #3 $7\frac{7}{80}$ #2 $7\frac{6}{80}$ #4 $7\frac{7}{80}$

TACH. TIME 926 HRS.

The aircraft, airframe, aircraft engine, propellor, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection 100 HR.

pertinent details of the repair are on file at this repair station under order

No. 1434 Date 6-29-73

Signed Eugene Livingston

Thurston Aviation, Inc.

Charlotte, North Carolina 28208

For

703-2

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
8-7-73	100 HRS. INSP. COMPLETED. CHANGED OIL & FILTER. DETAILS OF INSP ON W/O #1480 ON FILE			
THIS STATION. "The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection <u>ANNUAL</u>. "Pertinent details of the repair are on file at this repair station under order No. <u>1480</u> Date <u>8-7-73</u> Signed <u>Eugene Livingston</u> For Thurston Aviation, Inc. 703-2 Charlotte, North Carolina 28208				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

C/W 100 Hr. Inspection

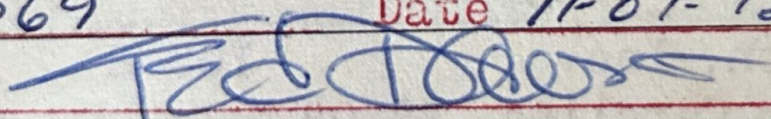
T.T. 1061

"The aircraft, airframe, aircraft engine, propellor, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection _____.

"The details of the repair are on file at this repair station under order

No. 1569 Date 11-07-73

Signed



For

Thurston Aviation, Inc.

703-2

Charlotte, North Carolina 28208

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-28-74	Brought Forward →		C/W T.T.	100 HR. INSPECTION 1164
"The aircraft, airframe, aircraft engine, propellor, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection <u>ANNUAL</u>." "Pertinent details of the repair are on file at this repair station under order No. <u>1629</u> Date <u>1-28-74</u> Signed <u>[Signature]</u> For Thurston Aviation, Inc. 703-2 Charlotte, North Carolina 28208				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

oil sample Taken oil changed
To 50W AeroShell. Small crack
from lower engine mount on fire wall
To be check for PROGRESSION FREQUENTLY

DATE 3/25/74 TOTAL TIME 1264 TACK TIME n/a

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN
ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETER-
MINED Airworthy CONDITION.

SIGNATURE

THURSTON AVIATION INC.

CHARLOTTE, NORTH CAROLINA 28208

FAA REPAIR STATION 703-3

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5-20-70	Brought Forward →		1366.02	C/W 100 HR INSPECTION
"The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Type of inspection 100 hr." "Pertinent details of the repair are on file at this repair station under order No. 2068 Date May 20, 74				CHANGE ENG. OIL & FILTERS OIL SAMPLES TAKEN LIST OF DISCREPANCIES & CORRECTIVE ACTION ON FILE THIS STATION W.O. # 2068
Signed <u>Denny W. Sloan</u>			For	
Thurston Aviation, Inc.			703-2	
Charlotte, North Carolina 28208				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

DATE 10-31-74 TOTAL TIME

TACK TIME ~~1456~~

1466.3

I CERTIFY THAT THIS Engine
ACCORDANCE WITH A 100 Hr.

HAS BEEN INSPECTED IN
INSPECTION AND WAS DETER-

MINED in Airworthy CONDITION.

W.O. # 2305

SIGNATURE

THURSTON AVIATION INC.

CHARLOTTE, NORTH CAROLINA 28208

FAA REPAIR STATION 703-3

3-21-75 Complied with Bendix Service Bulletin RS 43
(Flow divider gasket)

Tech 1511

7/17 Eyrer ACP 2109178

(AD-75-09-15 (yc. 5B 382)
5-13-75

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-14-75	Brought Forward →	1535.14	Adjusted Idle speed and mixture. Installed new Points and Block Right Mag. Installed all new plugs.	
Total To Carry Forward				

Yerry A. Shays
A4P 2197046

and Remarks

Signature

Certificate No.

7-10-75 Total Time 1570.6

I certify That This Engine has been inspected
in accordance with a 100 hr Inspection and
was determined to be in air worthy condition.

Details of inspection are on file

at Thurston Aviation Charlotte, N.C. with #2625

Yerv L. Dwyer

ATP 2197046

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
DATE <u>11 March 1976</u> TOTAL TIME <u>1674.4</u> TACK TIME <u>1674.4</u> I CERTIFY THAT THIS <u>engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hour</u> INSPECTION AND WAS DETER- MINED <u>in airworthy</u> CONDITION.				
SIGNATURE <u>N. J. Luyke</u> THURSTON AVIATION INC. FAA REPAIR STATION <u>703-2</u> CHARLOTTE, NORTH CAROLINA 28208 W.O. # <u>2869</u> <u>2872</u>				
Date <u>8/2/76</u> Aircraft Total Time <u>1774</u> I Certify that this <u>engine</u> has been inspected in accordance with a <u>100 hour</u> inspection and is approved for return to service.				
Signature <u>N. J. Luyke</u> For Thurston Aviation, Inc. FAA Repair Station 703-2 P. O. Box 27052 Charlotte, N. C. 28208				
Total To Carry Forward				

W.O. # 3050

and Remarks

Signature

Certificate No.

Date 10/29/76 Aircraft Total Time 1872
I certify that this engine has been
inspected in accordance with a 100 hr
inspection and is approved for return
to service.

Signature M. Lyle For

Thurston Aviation, Inc.

FAA Repair Station 703-2

P. O. Box 27052

Charlotte, N. C. 28208

W.O. 3148

11-3-76 REMOVED STARTER PART #M24206 SER #6A000429

A/C TOTAL TIME 1876 FROM LEFT ENGINE + INSTALL

REBUILT STARTER PART #M24206R

SER #39235R Long & Quick AD266840157

LEFT ENGINE LOG

214

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-28-76	Brought Forward →	Total Time 1950 hours.		
Engine Completely Overhauled. Replaced Camshaft, tappet bodier, rings, pistons pin plugs, rod bolts + nuts, main and rod bearings, Installed large dowel pins in crankcase. Replaced exhaust valves and guides, reconditioned intake valves + seats. All steel parts magnafluxed. Installed new AC SR-88 spark plugs. Replaced all rubber engine supports, air filter oil filter mag overhauled.				
Total To Carry Forward				

MIDWEST PIPER, INC.
 Wichita, Kansas
 FAA Certified Repair

MIDWEST PIPER, INC.
Wichita, Kansas
FAA Certified Repair
Station #3137

LEFT ENG. N8621Y

and Remarks

Signature

Certificate No.

12-28-76

Total Time 1950 hours.

"I certify that this ^{ENGINE} ~~aircraft~~ has been inspected in accordance with a 100 Hour (Annual) inspection and was determined to be in airworthy condition."

Signed

Michael D. Ammann

MIDWEST PIPER, INC.

Wichita, Kansas

FAA Certified Repair

Station #3137

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-12-77	Brought Forward →	Total Time	2036 hours	
		Changed Oil & filter, serviced with Aeroshell #65 Cleaned & gapped & checked spark plugs.		
Tach 2202. 8-18-78 Change oil				
Total To Carry Forward		Air P 200,550		

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition."

Signed Michael D Ammerman

MIDWEST PIPER, INC.
Wichita, Kansas
FAA Certified Repair Station #3137

and Remarks

Signature

Certificate No.

7-25-78 Total Time 2146 hours 196 hours
changed oil & filter serviced
with AeroShell #100, cleaned zapped
and checked spark plugs. Checked
mag points & timing.

ENGINE
"I certify that this aircraft has been in-
spected in accordance with a 100hr Annual
inspection and was determined to be in
airworthy condition."

Signed Michael D. Ammerman

MIDWEST PIPER, INC.

Wichita, Kansas

FAA Certified Repair

Station #3137

and Remarks

Signature

Certificate No.

5-29-79 Tach 2359

changed oil & filter, installed new plugs.

Robert A Weber

AIP 2001550

10-8-79 Tach 2495

Clean and gap plugs. Changed oil and filter. Retimed mags. Replaced crankshaft seal.

Cleaned starter bendix. I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Robert A Weber
AIP 2001550

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
2-11-80	Tach 2531			
	Cleaned starter & changed oil.			Robert A. Weber H#P2001550
9-22-80	Tach 2673			
	Certify that this engine has been inspected in accordance with an annual inspection & was determined to be in an airworthy condition.			Robert A. Weber H#P2001550
Total To Carry Forward				
	W/O on file			

and Remarks

Signature

Certificate No.

4-7-81 TACH 2741

Cleaned Plugs + Changed Oil

Robert A Weber

1A 2001550

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
9-21-81	TACH	2001		
I certify that this engine has been inspected in accordance with an annual Inspection and was determined to be in an airworthy condition. W.O. on File.				
Robert A Weber				
1A 2001550				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

1-5-82

Changed Oil to Aeroshell 15W50 Multi-Weight
Tach 2913.56

OCT 4 1983 TOTAL TIME IN SERV. 2997-20 T.S.M.O.H. 1047 HRS

CHECK COMPRESSION

PROP. TIME: S.O.H. 502 HRS

CLEAR GAP PLUGS REPAIR OIL

LEAKS. CHANGE OIL AND

FILTER REPL. PHILL. 66

20-50 MW. 8 QTS. ALL NECESSA

RY MAINT. COMPLETE THIS DATE

TIME MAGS. T.T. 2997-20.

1983

OCT 4

JOSEF BUHAJLA A&I 351380371

I CERTIFY THAT THIS
ENGINE HAS BEEN
INSPECTED IN ACCORDANCE
WITH A ANNUAL
INSPECTION AND WAS
DETERMINED TO BE IN
AIRWORTHY CONDITION

TAC TIME: 2997

DATE:

OCT 4 1983

JOSEF BUHAJLA

A&I 351380371

JOSEF BUHAJLA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
11-20-84	Brought Forward →	1147 HRS.	T.T. - INSERV.	3097 HRS.
				REPLACED SPARK PLUGS REM 40E. REPL. EX STAIN
				AND KNUTS. REPAIR OIL LEAKS WASH ENG CHECK
				COMPR. STATIC RPM OV. THIS ENG HAS BEEN INSP
				IN ACC. WITH A ANNUAL INSPECTION AND RETUR
				NED TO SERVICE. <i>[Signature]</i> AP-1A 351380371
NOV 29-1984		T-T- 3106-80 HRS		
				CHANGED OIL. AERO SHELL 8 QTS. RPL
				OIL FILTER CH48100. ENGINE TEST RUN
				NO LEAK FOUND. WASH ENGINE. <i>[Signature]</i> AP-1A 351380371
Total To Carry Forward				

and Remarks

Signature

Certificate No.

11-4-85. 313814 HRS TT. - Clean + gap spark plugs, Change oil + Filter. Replaced air filter Ch. Mag timing + ck leads, Change coil on H Mag, Change alt. Belt. Installed overhauled propeller + replace prop. spinner, bulkhead, wash engine + run, ck for leaks + returned to service.

Tachometer. 313814 Total Time I certify that this (aircraft) (engine) has been inspected in accordance with a ANNUAL (100 HOUR) inspection and was determined to be in airworthy condition.

Dated 11-4-85 W.O.#

Signed Gary Lensing

AP 432195988

CYLINDER NO					
1	2	3	4	5	6
71	70	74	69		
80	80	80	80		
COMPRESSION CHECK					

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance																		
	This Date	Since Major																				
	Brought Forward →																					
	ENGINE—Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked mags and timed properly, checked prop for leaks and grease. Functionally checked engine.																					
	<table border="1"> <thead> <tr> <th colspan="6">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>72</td> <td>72</td> <td>74</td> <td>72</td> <td>X</td> <td>X</td> </tr> </tbody> </table> COMPRESSION CHECK				CYLINDER NO.						1	2	3	4	5	6	72	72	74	72	X	X
CYLINDER NO.																						
1	2	3	4	5	6																	
72	72	74	72	X	X																	
	Tachometer <u>3139.1</u> Total Time <u>3139.1</u> certify that this (aircraft) (engine) has been inspected in accordance with a ANNUAL (100 HOUR) inspection and was determined to be in airworthy condition.																					
	Dated... W.O.#..... Signed... <u>Wally B. Leary</u> <u>A4P539916 I.A.</u>																					
Total To Carry Forward																						

1457

and Remarks

Signature

Certificate No.

I CERTIFY THAT THIS ENGINE WAS

ENG 77 Since mWJON = 1,222.04

INSPECTED IN ACCORDANCE WITH A (AN) 100 Hour INSPECTION AND WAS FOUND

ENG 77 In Service = 3172.04

TO BE IN AN AIRWORTHY CONDITION.

Alc 77 In Service = 3172.04

DATE 8/14/87 WILL S R A/P 574341703

SIGNATURE WILL S R A/P 574341703

500 E. HAY. 146
LAS VEGAS, NV 89124

①. C/w a compression check all cyl's ABOVE - 72/80 -

1 74/80 3 76/80
2 73/80 4 75/80

②. Change oil & Insp Filter All Normal. Added 50wt D Aeroshell

③. Checked mag. Timming cleaned & adjusted Spark Plugs.

④. Insp all control cables & control arms, Insp Eng COMPASSMENT

and all lines & hoses - All Normal.

5 Air Filters were replaced 11-85 Dur 3438. AD ALA
A.D 87-10-06 ALA By Serial.

Airborne Warranty Registration

Owner

Name/Company

PacRott Company

Mfg by SI

Address

49 W Montgomery X-Rd

Part No. 121

City

Sav'n

State

GA

Zip

31406

Date

Installed unk

Aircraft

New Air

Make

PIPER

Part No.

Model

Twin Comanche PA-30

Serial No.

017

Registration

N86214

Date Installed

and Remarks

Signature

Certificate No.

1U128-003, SER# T9786,

PART # 211CC, SER# 07AC005411.

TAILED FUEL INJECTORS. — END —

Arthur S. ^{A+P} 280381813

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
MARCH 15 1988	Brought Forward →		3244.38	DRAIN OIL, Added 8 qts. Aeroshell 100w. Remove oil filter and Installed new ES100 Filter, washed eng. Run-up engine check normal. - end - Stephen Wojnar AP 161525895
Total To Carry Forward				

6-22-87 Lt Engine tach time - 3280.87. Installed Customer supplied
Prestolite Alternator. P/N ALX8403, S/N 202262.
Opts test Good. SERVICEABLE Tag Attached this page.
END

Howell Krumston
A+P276708099

7-28-88 Lt Tach time 3300.03 Removed left mag
and internally timed mag. Reinstalled
mag on engine and timed mag to engine.
All work Done in compliance with Bendix
Service manual dated Sep. 30, 1987 David Rohlsind
END A+P 98403714

L

Engine Time		Recorder Reading	Maintenance
This Date	Since Major		
Brought Forward →		3301.8	CHANGED OIL & FILTER
AEROSHELL 400 W.	Comp test	76	76 76 70
ALTERNATOR OVERHAULED			REPLACED 1 ENG MOUNT
REPLACED 4 VALVE COVER GASKETS.			
		Total Time	<u>1347.7</u>
Tachometer	<u>3301.8</u>	I certify	
that this aircraft (Eng) was inspected in accordance with A (Annual) inspection and was determined to be in airworthy condition.			
Dated	<u>9/14/88</u>	W.O. NO.	<u>1623</u>
Signed	<u>J. Bulley IA 338280788</u>		

LEFT ENGINE N86214

and Remarks	Signature	Certificate No.
3-20-89 Tach 33431 Replaced oil with Aeroshell 100w Removed oil filter and Replaced with New ES100 Replaced Air Filter with New. Engine washed and Run up - no leaks found this Date Charles Bolander ACP217705540		
8/4/89-3417. LEFT TACH - WELDED #2 EX. STACK at flange - REPLACED 3 EX. STUDS ON #2 & #1 CYLINDER - REPLACED 2 ROCKER COVER GASKETS ^{#3 & 4} - CORRECTED BAD "P" LEAD CONNECTION IN BOTH MAGS - CLEANED & GAPPED PLUGS - FABRICATED NEW METERED FUEL PRESSURE SUPPLY LINE (303-4) FROM JERVO TO FUEL MANIFOLD - REPLACED BADLY →		

N86214

ENGINE LOG

LEFT

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	CHANGED FUEL PRESS (Flow) LINE FROM FUEL MANIFOLD TO REAR Baffle — RE-SECURED INDUCTION AIR FILTER BOX — RE-PAIRED FIELD WIRE BETWEEN FIREWALL + ALTERNATOR			
	Run up OK Robert H. M. Zellau APP 1402096			
	Savannah Aviation Inc W/O # 1027 Savannah International Airport Savannah Georgia (912) 964-1022			
9/1/89	3425.76 Tach — Cleaned all bottom plugs. Cleaned all fuel Injector Nozzles Run up OK Robert H. M. Zellau APP 1402096			
Total To Carry Forward				

N8621Y

LEFT ENGINE

Signature

Certificate No.

and Remarks

10/8/89 - TSOH = 1483.5
 LT. TACH = 3433.50 HRS - 100 HOUR INSPECTION -
 CHANGED OIL, 50 WT. AEROSHELL W - OIL FILTER CHECKED FOR
 METAL (OK) AND REPLACED WITH CFO-100 - OIL SUCTION SCREEN
 CHECKED + CLEANED - COMPRESSION CHECKED OK -
 71/80 - 75/80 - 72/80 - 74/80 - CLEANED, GAPPED, CHECKED ALL RINGS -
 AD 78-09-07R3 BENDIX/MAGNETOS - IMPULSE COUPLINGS S/W -
 REMOVED L. MAG, BENDIX, \$4LN-21, S/N 3577 - CHECKED, CLEANED,
 LUBED PEAR BEARING - IMPULSE CHECKED OK, SET "E" GAP - RETIMED TO EAK,
 AT 250 BTC - REMOVED RT. MAG - BENDIX, \$4LN-21, S/N 41760 -
 CHECKED INTERIOR, CLEANED, SHIMMED BEARINGS, REGREASED BRGS -
 REPLACED IMPULSE CAM + SLINGER & SEAL - SET "E" GAP (over)

N8621Y

ENGINE LOG

LEFT ENGINE

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
				RETUNED 40 ENGINE @ 25° BTC - REPLACED
				(FABRICATED) OIL & FUEL LINES IN ENGINE COMPARTMENT
				INSTALLED AE 102/1024 FIRE SHIELD ON LINES - TACHOMETER
				REMOVED, SENT TO LOWE AVIATION FOR RECALIBRATING
				& REINSTALLED — RUN-UP OK —
I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>100 HR</u> inspection and was determined to be in an airworthy condition. I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH. <u>Date 10/18/89</u> Tach Time <u>3433</u> Total Time <u> </u> TIME <u>3433</u> <u>10-17-89</u> Signed <u>Robert M. Zellan</u> Cert. # <u>A+P1402096</u> JOHN SPAARGAREN AP1785638IA Savannah Aviation Inc W/O # <u>1086</u> Savannah International Airport Savannah Georgia (912) 964-1022 Savannah Aviation Inc W/O # <u>1086</u> Savannah International Airport Savannah Georgia (912) 964-1022				
Total To Carry Forward				

and Remarks

Signature

Certificate No.

5/16/90 - 3500. HRS - Changed Oil. 100 W AeroShell
Oil Filter Replaced CFO-100 - Runup + checked for
leaks Robert A. M. Zellan A+ P1402096

5/16/90 - AD 90-04-06 - Lycoming del lines.
Checked OK - RSM

4/24/90 - 3533.13 = LITACH. REPLACED STARTER WITH ELECTRO-
SYSTEMS ^{P/M} 02064 - PRESTOLITE ME 4218R, S/N 0060848, Q.H.D. on
W.D. No. 1011, 06/15/90 - CRS:UT2R226L - GROUND TESTED OK *[Signature]*

Robert A. M. Zellan A+ P1402096

Savannah Aviation Inc W/O * 1258
Savannah International Airport
Savannah Georgia (912) 964-1022

NOTE: Remove Delco 1109511, 5/11/99 - RSM

LEFT

ENGINE LOG

N8621Y

Date	Engine Time		Recorder Reading	Maintenance				
	This Date	Since Major						
10/19/90	Brought Forward →	1615.78	3565.78	100 Hour Inspection				
	Changed oil, R+R Filter - checked old filter for metal + replaced - 100W (Shell) - Compression ok. 77/80 74/80 76/80 74/80 - Timing ok - 25° BT - Plugs Cleaned & gapped - Replaced alternator belt. Run-up ok - R+R Prop (overhauled)							
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH _____/ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH. TIME <u>3565.78</u> 10-19-90 <u>John Scaargren</u> JOHN SCAARGREN AP1785638IA								
I certify that this <u>Eugen</u> has been inspected in accordance with an <u>100 HR</u> inspection and was determined to be in an airworthy condition. Date <u>10/19/90</u> Tach Time <u>3568</u> Total Time <u>50H - 1615</u> Signed <u>Robert A. Miller</u> APP 1402096								
Total To Carry Forward								

Savannah Aviation Inc W/O # 1297
 Savannah International Airport
 Savannah Georgia (912) 964-1022

and Remarks

Signature

Certificate No.

11-13-91 100 HR inspection, Replaced all Spark Plugs.
 CW AD 90-04-01 New Metal Prop. Governor oil Line
 Cleaned Fuel Injectors, Cleaned screens, Changed oil
 & Filter Compression check #1 19/80 #2 17/80 #3 19/80 #4 19/80
 SCD CHT Probe installed ~~Instrument discarded~~ ~~inop~~ pending availability of
 new probe.

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 100 HR. ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH.

TIME 3675 AD 252483723

Rot J. Hody

I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 100 HR. ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH.

TIME 3675

11-13-91

JOHN SPANGAREN AP1785638IA

Left ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12 FEB 92	Brought Forward →	3704. Tach Time		Changed + Inspected EIG
				NOTED. Compression
				END
20 FEB 92	3705.7	Left Jack		Tightened Oil filter properly
20 FEB 92	3705.7	Left Jack		EGT PROBE REPLACED - Run up
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2-6-93	Brought Forward →	1806.99	TOTAL TIME 3755.99	Engine INSPECTED IN in accordance with a 100 hr inspection and found to be in Airworthy condition. Oil and filter changed Suction screen removed and cleaned. Phillips 15W-50 X-C REPLACED. Exhaust stack for #1 and #2 cyl removed and REPLACED gaskets and nuts. Compression checked Cold and found lowest cyl to be $\frac{72}{80}$. Checked MAGNETO OK. Run-up OK. AD 78-09-07R3 due AT 3933 hrs. Tach. Gerald A. Brunt GERALD A. BRUNT A/P 363-46-0007
Total To Carry Forward				

and Remarks

Signature

Certificate No.

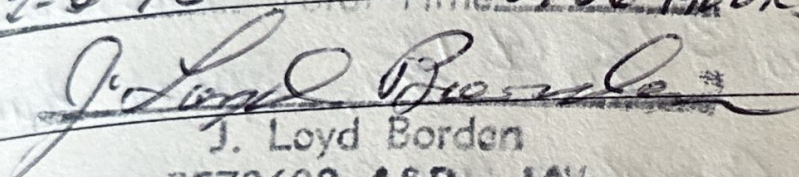
I Certify that this Aircraft has been

Inspected in Accordance with ANNUAL

Inspection According to 13 and was

Determined to be in Good Condition.

Date 2-6-93 Total Time 3756 Hours



J. Loyd Borden

1570608 A&P - IA

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-17-94	Brought Forward →	1821.9	3771.9	ENGINE INSPECTED
IN ACCORDANCE WITH A 100 hr INSPECTION. OIL & FILTER CHANGED AND REPLACED WITH Phillips X-C 20W-50 Compression checked and found ① $7\frac{2}{80}$ ② $7\frac{3}{80}$ ③ $7\frac{3}{80}$ ④ $7\frac{2}{80}$. Spark plugs cleaned, gapped and pressure tested. Complied w/ AD 93-02-05 by installing 2 additional brackets and clamps in accordance with SB342A. AD 78-09-07R3 due AT 3933 T.T. Run-up OK Air Filter Element Replaced.				
				I certify that this <u>ENGINE</u>
				has been inspected in accordance with a <u>100 hr</u> inspection and
				is in airworthy condition.
Total To Carry Forward			Date 3-17 1994 Total time	3771.9

GERALD A. BRUNT R/P 363460007

and Remarks

Signature

Certificate No.

4-95

Compression #1 $\frac{78}{80}$

#2 $\frac{75}{80}$

#3 $\frac{78}{80}$

#4 $\frac{78}{80}$

L & R magnetos removed to inspect

for proper coils/magnets - Reinstalled

& timing set - Drained oil - Installed new

CH 43110 oil filter & 7 qts Phillips XE

- Installed new Air Induction filter -

- New baffle seals installed

AD 94-1-3 NA

coils & Rotors

I CERTIFY THAT THIS AIRCRAFT/ENG
HAS BEEN INSPECTED IN ACCORDANCE
WITH 100HR/AN INSPECTION AND
WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.

AD 78-9-713

cu by Inspect
JRB

AD 94-6-9 NA

capacitor

4-1-95

LEFT

TACH. TIME $\frac{3846}{1896}$ TOTAL TIME 1896 SMOH

JAMES R. BROOKS AP529682447 IA

[Signature]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-6-96	Brought Forward →	3910	1960 smooth	
	Installed new SL-18109 AND SL-18110			
	oil pump impellers to comply			
	with AD81-18-422			
	J R Brook AD 589682447			
Total To Carry Forward				

and Remarks

Signature

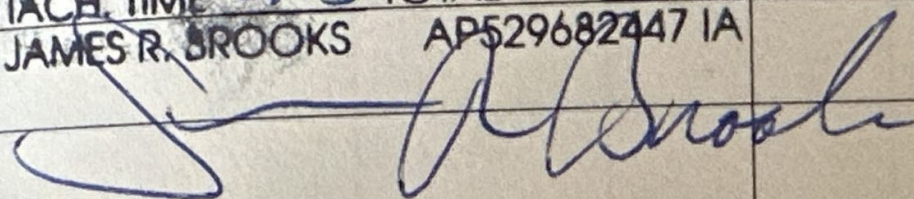
Certificate No.

5-1-96

Compression $74/80$ or better all cylinders
Timing OK- Inspected engine controls for
security & operation- Drained oil- Installed
new CH43 110 oil filter- Added 7 qts
Phillips 20W50 XC - eng ops ✓ OK

I CERTIFY THAT THIS AIRCRAFT/ENG
HAS BEEN INSPECTED IN ACCORDANCE
WITH 100/ANW INSPECTION AND
WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.

TACH. TIME 3933 TOTAL TIME 1983 smoh
JAMES R. BROOKS AP529682447 IA



Rt MAG

S4LN-21

S/N 41760

Lt MAG

S4LN-21

S/N 3577

ALTERNATOR

ALX 9403

S/N 202262

STARTER

(Prestolite)

M24218R

S/N 0060848

VAC Pump
(Airborne)

211CC

S/N 07AC005411

Fuel Injector
(Bendix)

RSA-5ADI
PIN 2524145-5

