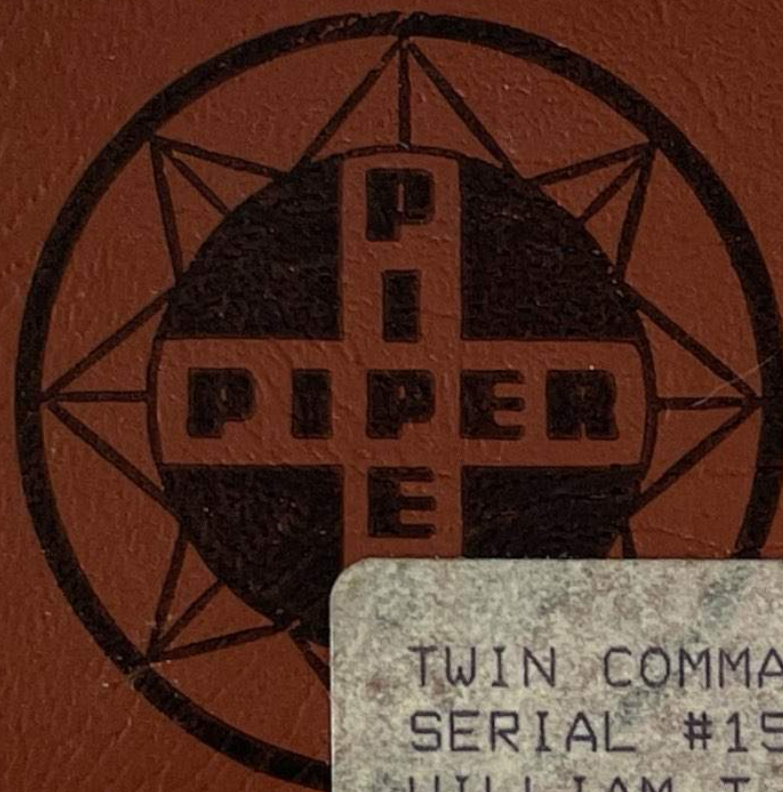


ENGINE LOG

(R4)



TWIN COMMANCHE N967EY
SERIAL #1577 ADLOG #6938
WILLIAM T. HOLT

PIPER AIRCRAFT CORP., LOCK HAVEN, PA.

Instructions for the Use of Log Book

Right

1. This log must always accompany the engine to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

ENGINE LOG

N 9678Y
License No.

MANUFACTURER { Name Lycoming Div. of Aero Mfg. Corporation
Address Williamsport, Penna.

Model IO-320-C1A H. P. 160 Serial No. L-3346-SSA

Stroke 3.875
Bore 5.125
Manifold Pressure { Normal
Maximum

R.P.M. { Normal 2350 Cruise
Maximum 2200
B.H.P. { Normal
Maximum 160

Gear Reduction Ratio direct drive
Rotation of Propeller

Certified Correct Date

OWNER..... { Name
Address
.....

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

ENGINE LOG

REMARKS

SIGNATURE

July 3, 1968

Completed annual, serviced spark plugs
Checked Compressors, # 1-78 2-72 3-78 4-77
Changed oil and jet overhaul w/o jet. Corrected
timing on it mag. Corrected other discrepancies
details on file Under work order 25474

READING AVIATION SERVICE, INC.

P.O. Box 1201 Reading, Pennsylvania

I certify that this EA9 has been inspected
in accordance with a Annual inspection and
determined to be in an airworthy condition.

July 3 1968

DATE

144.6

TOTAL TIME

3535

Authorized Signature

Repair Sta.

ENGINE LOG

REMARKS

SIGNATURE

6 MAR. 1969

OIL CHG. AEROSHELL W 40 WT.

FILTER ELEMENT CHANGED (OIL)

RAS WO# 40029

HOURMETER = 231.4

APPROVED BY

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. • STATION 3535

ENGINE LOG

REMARKS

SIGNATURE

7 AUG. 1969 ENG Insp AS PER Piper Insp. FORM. OIL DRAINED, FILTERS CHANGED, REFILLED WITH AEROSHELL W. 50. SPARKPLUGS REPLACED, COMPRESSION TEST AS FOLLOWS: 1-72, 2-72, 3-74, 4-74. INSTALLED NEW SEALS ON #2 XH. & #4 INT. SHROUD TUBES, INJECTOR NOZZLES CLEANED & FLOW CK'D. DETAILS ON FILE UNDER W/O 26597

READING AVIATION SERVICE, INC.

P. O. Box 1201

Reading, Pennsylvania

I certify that this **ENG** has been inspected in accordance with an **ANNUAL** inspection and determined to be in an airworthy condition.

7 AUG. 1969

DATE

292.0

TOTAL TIME

Hayes

Authorized Signature

3535

Repair Sta.

ENGINE LOG

REMARKS

SIGNATURE

4 MAY 1970

INSTALLED NEW AIRBORNE 200 CC VACUUM
PUMP SN 3R-1290

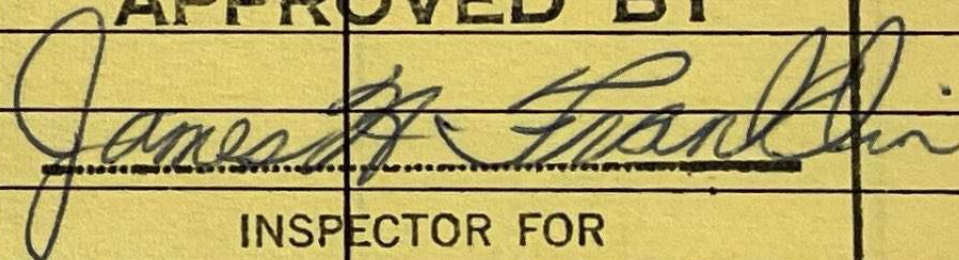
OIL CHANGED AEROSHELL W 50WT.

INST. NEW OIL FILTER ELEMENT

RAS WO#27405

HOURMETER - 379.0

APPROVED BY

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. • STATION 3535

ENGINE LOG

READING AVIATION SERVICE, INC.

BOX 1201

READING, PA.

Part Name WARTZELL PROPELLER

Part No. _____

Model HC-E 2YL-2 B.Serial No. 3253Remarks INSTALLED NEW BLADE S/N 59860

MAINTENANCE RELEASE

13 MAY 1970 INSTALLED NEW HARTZELL BLADE
S/N 59860 IN PROP.
RAS WO# 27416
HOURMETER - 390.7

APPROVED BY

James R. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. - STATION 3535

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day			Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
70									
		Ground	Air						
AUG	20	ENGINE INSPECTED PER PIPER INSP FORM. OIL DRAWN, FILTER CHANGED, REFILLED WITH AEROSHELL W100-50W oil SERVICED SPARK PLUGS, COMPRESSION CK: 1-72, 2-70, 3-69, 4-72. REPAIRED CHAPPED FUEL PRESS. LINE FROM FLOW DIVIDER-TO-GAGE. DETAILS IN FILE UNDER W/027680							
READING AVIATION SERVICE, INC. P. O. Box 1201 Reading, Pennsylvania I certify that this <u>ENG</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and determined to be in an airworthy condition. <u>20 AUG 1970</u> DATE <u>Hayes</u> Authorized Signature <u>442.9</u> TOTAL TIME <u>3535</u> Repair Sta.									
TOTAL TIME									

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

READING AVIATION SERVICE, INC.

BOX 1201

READING, PA.

POTTSTOWN
MACH.

26 FEB.

INST.

S/N 64

R/S

Part Name

Prestolite Starter

Part No.

M2 + 200

Model

12 volt

Serial No.

67000282

Remarks

Unit overhauled & tested

inspected in accordance with current Civil Air Regulations and was found
airworthy for return to service. Pertinent details of the repair are on file
at this agency under work order

Dated

No.

46958-1

12

26 FEB.

INST. RAS O/H PRESTOLITE STARTER P/N MZ 4206

S/N 64000282

RAS SO# 47564

APPROVED BY

James H. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

NO

APPROVED BY
James R. Frank
INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

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

ENGINE LOG

REMARKS

SIGNATURE

OIL FILTER CHANGED

OIL CHANGED (AEROSHELL 50W) SPARK PLUGS REPLACED.

AIR FILTER DUCT REPLACED ON TURBO AIR. #3 ROCKER DRAIN LINE

REPAIR & CHAFE PROTECT INSTALLED. GENERATOR BELT TENSIONED.

#2, 3, 4 BOTTOM SPARK PLUG CIGARETTES REPLACED. ENGINE MOUNT

CORROSION CLEANED AT TURBO EXHAUST & REPROTECTED. OIL COOLER

BRACKET STOP DRILLED. PROP. DE-ICE LINES REPOSITIONED.

NEW GENERATOR BRUSHES INSTALLED. COMPRESSION CHECKED:

#1-77, 2-73, 3-76, 4-80.

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this ENGINE has been inspected
in accordance with a ANNUAL inspection and
determined to be in an airworthy condition.

18 AUG. 1971

DATE

567.4

TOTAL TIME

Harold S. Newman

Authorized Signature

3535

Repair Sta.

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

ENGINE LOG

REMARKS

SIGNATURE

9 February 1972

Oil changed - Aeroshell w 30 wt.

Inst new oil filter element

RAS wo# 31229

Tach - 608.1

APPROVED BY

James H. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.

READING, PA. - STATION 3535

7 March, 1972

Inst. new seals on ^{intake} lph. pushrod housings

#1 Cylinder

Thermometer - 629.3

wo# 31703

APPROVED BY

James H. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.

Engine Serial

666.6 N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
19	July	1972							
Checked & flow checked fuel nozzles RPS WO# 32863 Tach - 666.6									
APPROVED BY James H. Franklin INSPECTOR FOR READING AVIATION SERVICE, INC. READING, PA. • STATION 3535									
9	August	1972							
Flow checked fuel nozzles i.e. new nozzle inst #3 Cyl RPS WO# 33056 Hourmeter - 672.9 Inst. new diaphragm in fuel distributor Assy. (flow divider)									
APPROVED BY James H. Franklin INSPECTOR FOR READING AVIATION SERVICE, INC. READING, PA. • STATION 3535									
TOTAL TIME									

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

REMARKS

SIGNATURE

1 Sept 1972 Annual Inspection Completed
 Serviced spark plugs
 Inst. new generator belt & tensioned
 Inst. new inlet duct at turbo compressor
 Retimed Lt mag. to 25° BTC
 Inst. new spring #4 lower ign lead end
 Inst. new gasket at turbo outlet (exh side)
 Yw Lye. SAE 1199. Fuel nozzle should rework
 Oil Changed Aeroshell W40wt
 Inst. new oil filter element

RB3 40# 33235

CYLINDER NO.

1	2	3	4	5	6
74	72	72	70		
30	30	30	30		

COMPRESSION CHECK

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

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

1 Sept 1972 685.4

DATE

TOTAL TIME

James R. Franklin 3535

Authorized Signature

Repair Sta.

NC

Engine Serial

APPROVED BY
James R. Frank
INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3635

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

ENGINE LOG

REMARKS

SIGNATURE

10-17-73

Annual Inspection Completed
 Serviced spark plugs & 1 new plug AC 171
 Inst. new turbo inlet air duct
 Inst. new exhaust gaskets & nuts - #3 & 4 cyls.
 Replaced missing plug in starter housing
 Oil Changed - Acrosnell 40wt
 Changed oil filter element
 WDA# 36985

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

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

10-17-73

DATE

760.9

TOTAL TIME

3535

Repair Sta.

James R. Franklin

Authorized Signature

COMPRESSION CHECK

CYLINDER NO.

1	2	3	4	5	6
90	70	76	74		
80	80	80	80		

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

NC

Engine Serial

Date		R. P. M.	Ground Time Hrs. Min.		Air Time Hrs. Min.		Total Time Hrs. Min.	
Year Mo.	Day		Ground	Air				
1974	July 18							
Oil Changed - Aeroshell w 50 wt.								
Changed Oil filter element								
Changed fuel nozzles								
Inst. new pushrod housing seals #1 & 3 cylinders								
R13 Wt # 40074								
Hobbs - 782.8								
TOTAL TIME								

APPROVED BY
James R. Franklin
 INSPECTOR FOR
 READING AVIATION SERVICE, INC.
 READING, PA. - STATION 3535

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

REMARKS

SIGNATURE

7 November 1974

Annual inspection completed

Serviced spark plugs

Inst. new hinge pin in lower nose cowl

Inst. teflon tape on fitting threads at
turbo oil filter

Oil changed - Aeroshell W 40 wt

Changed oil filter element

Cleaned turbo oil filter

R48 wo # 41175

CYLINDER NO.

1	2	3	4	5	6
77	75	76	76		
80	80	80	80	80	80
COMPRESSION CHECK					

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

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

11-7-74

DATE

803.2

TOTAL TIME

3535

Authorized Signature

Repair Sta.

Engine Serial

[illegible]

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

REMARKS

SIGNATURE

25 NOV. 1975

ANNUAL INSP. COMPLETED. OIL CHANGED, AEROSHELL #40.
 CHANGED OIL FILTER. SER. SPARK PLUGS. REFACED INTAKE &
 EX. VALVE SEATS, & REPLACED GUIDS ON NO 3 CYL.
 BOBESCOPE ALL CYLS. REPAIRED PROP. ALCOHOL SYS.
 NO 2 & 4 CYL. ROCKER BOX CASNETS REPLACED. REPLACED
 TWO. AIR DUCTS.

W.O. 44749
 HOBBS 860.0

CYLINDER NO.					
1	2	3	4	5	6
75/ 80	66/ 80	43/ 80	74/ 80		
COMPRESSION CHECK					

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this ENG. has been inspected
 in accordance with ANNUAL inspection and
 determined to be in an airworthy condition.

11/25/75

DATE

860.0

TOTAL TIME

Clarence E. Faust

Authorized Signature

3535

Repair Sta.

Line	Total
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

APPROVED BY
James M. Franklin
INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

19

ENGINE LOG

REMARKS

SIGNATURE

11 January 1977

Annual inspection completed

Inst. new spark plugs AC-171

Tightened intake pipe hose clamps.

Adj. mixture control to hit stop in cut off

Serviced prop accumulator - air

Dressed prop blades

Oil changed - Amshell W30 wt

Changed oil filter element

Cleaned turbo oil filter

Wo # 48684

READING AVIATION SERVICE, INC.

P. O. Box 1201

Reading, Pennsylvania

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

1-11-77

944.8

DATE

TOTAL TIME

James R. Franklin

3535

Authorized Signature

Repair Sta.

N C

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

ENGINE LOG

REMARKS

SIGNATURE

9 Mar 1978

ANNUAL INSP. ACCOMPLISHED, OIL AND FILTER
 CHANGED, AEROSHELL W 40WT OIL INSTALLED.
 PROP SPINNER REPLACED WITH NEW.
 SERVICED SPARK PLUGS. ADJUSTED PROP ALCOHOL FEED
 TUBES TO PREVENT CHAFING ON PROP.
 DETAILS ON FILE RAS W.O. 51073

A

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this ENG has been inspected
 in accordance with a ~~777777~~ ANNUAL inspection and
 determined to be in an airworthy condition.

9 Mar. 1978

1034.9

DATE

TOTAL TIME

Clarence E. Faust

3535

Authorized Signature

Repair Sta.

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

[illegible]

TOTAL TIME				
-------------------	--	--	--	--

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

ENGINE LOG

REMARKS

SIGNATURE

16 OCT 79. COMPLETED ANNUAL INSPECTION. CHANGED OIL & FILTER, SERVICED SPARK PLUGS, REPLACED EXHAUST PIPE AT TURBO OUTLET. DETAILS ON FILE AT RAS UNDER W.O. 53100

READING AVIATION SERVICE, INC.

P.O. Box 1201 Reading, Pennsylvania

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

~~1133.1~~ 16 OCT 79 1133.1

DATE

TOTAL TIME

3535

[Signature]
Authorized Signature

Rep. Sta.

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

NC

READING AVIATION SERVICE, INC.	
P. O. Box 1201	Reading, Pennsylvania
I certify that this <u>Eng</u> has been inspected In accordance with a <u>Annual</u> inspection and determined to be in an airworthy condition.	
<u>21 Jan 61</u>	<u>1176.7</u>
DATE	TOTAL TIME
<u>[Signature]</u>	<u>3535</u>
Authorized Signature	Repair Sta.

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

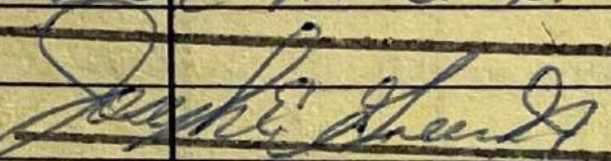
ENGINE LOG

REMARKS

SIGNATURE

23 OCT 61 CHANGED OIL & FILTER. SERVICED WITH AEROShell
W 40 WT OIL, AD 21-12-04 DUE AT NEXT OVERHAUL.
Hourmeter - 1202.3 Hrs

SIGNED:


READING AVIATION SERVICE, INC.
REPAIR STATION #3535

NC

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

(R) ENGINE LOG

REMARKS

SIGNATURE

3/23/84 Tach 1230.3 100HR/Annual Inspection Completed
Comp check #1/77, #2/77, #3/78, #4/70 checked air filter, checked leads &
mag timing, checked ind. system & siph system - removed exhaust
pipe - outboard - helisiced & reinstalled - tighten all of cover screws,
installed 4 siph gaskets + 2 turbo gaskets - checked & lubed eng. controls
Changed oil (8 qts 40 AD Shell) & oil filter (SF51A) cleaned out
checked filter screen, removed all spark plugs, cleaned, checked
& regapped & reinstalled, prop removed & sent to Senonich
Prop Shop for completion of Hartzel PD# 77-12-06 - reinstalled
& safetied prop - checked engine - A B inspected & checked thru 84-54
Eng. hook up - checked for leaks - none noted - functional check ok -

AND WAS DETERMINED TO BE ON
AIRWORTHY CONDITION.

SIGNATURE

NO. 169269097

DATE 3/23/84 ENGINE HOURS 1230.3

AND WAS DETERMINED TO BE ON
AIRWORTHY CONDITION.

SIGNATURE

NO. 1641467

DATE 3/23/84 ENGINE HOURS 1230.3

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

Engine Serial NC

[illegible]

HELLER AERO SERVICE, INC.
R.D. #3 Airport Road
POTTSTOWN, PENNSYLVANIA 19464
CRS #103-39
(215) 495-5448

R/H ENG. 3-23-84
AD# 82-27-03 ROTO-MASTER
(RAJAY) TURBO CHARGER C/W
AS PER PARO. B THRU E
of A.D. K.W. Neller
A & P 169269097

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

ENGINE LOG

REMARKS

SIGNATURE

I certify this Airframe -
Engine has been inspected
in accordance with a ~~100-hour~~
annual inspection and found
to be airworthy.

T. T. 1768 Date 5/1/87

Geary Town
AET 3662-1A

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year	Mo.	Day	Ground	Air					
85									
4		3							
Changed oil + FILTER, 8 qts Aeroshell 50, cleaned & gapped Top Plugs, Replaced Bottom Plugs with Champion RED 32ES Replaced Generator + Generator Blast Hose, Replaced Lower Right engine mount Bushing & had cracks in Turbo mount welded, Replaced All Turbo Air hoses & FILTERS, Replaced Wood Intake Pipe seals, Replace All exhaust gaskets with No Blow type AND Replaced All exhaust nuts & washers Replaced All valve cover gaskets & 2 valve covers) TT 1324 Done Wunscheh ACP 185387229									
Compression 1 $77/80$ 2 $72/80$ 3 $76/80$ 4 $74/80$									
TOTAL TIME									

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

ENGINE LOG

REMARKS

SIGNATURE

I certify this ~~Engine~~
Engine has been inspected
in accordance with a ~~100 hr.~~
annual inspection and found
to be airworthy.

T. T. 1324 Date APRIL 4, 1985

George Town
A273662-1A

CENTURY AIRCRAFT CORPORATION
P. O. Box 31026
Amarillo, Texas 79120

FAA CRS # 207-700

Nomenclature WASTEGATE ASSY.

S/N _____ P/N RJD603-501 MFG _____

The unit identified above was repaired and inspected IAW current FAR's & is approved for return to service. Details are on file under

w/o 2345

By Jim Yuffe A.C.# _____ Date 4-17-87

SERVICEABLE

SPARK Plugs, Replaced V

BAND CLAMPS - gas jets, Right

Engine Serial Wastegate Ass'y 153877

Date 7/1/86

Long, John
A213662-A

TOTAL TIME

		Ground Time		Air Time		Total Time	
		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
	Air						
1418	Hobbs	C/W	AID 78-09-0	By	Inspection of mag impulse		
		couplings	IAW	BENDIX	5/B 599B	AND	FOUND TO
		Be	SATIS	FACTORY	REPLACED	POINTS + CONDENSER	LEFT
		MAG	+ RETIMED	TEST RUN	O.K.	David Wunscheh	
					A-P 185387229		
1572	4/1/86	Replaced oil cooler + Drain			I certify this Airplane.		
		Hoses, Replaced Rocker Gasket			Engine has been inspected		
		#3 cylinder, Replaced worn			in accordance with a 100 hr.		
		spark plugs, Replaced V			annual inspection and found		
		band clamps + gaskets, Right			to be airworthy.		
		engine. David Wunscheh			T.T/572 Date 4/1/86		
		A-P 185387229			Shay, Jones		
					A-213662-A		
TOTAL TIME							

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

ENGINE LOG

REMARKS

SIGNATURE

Installed new generator ~~1548~~ 1548 Hobbs

David Wunscheh

1768TT

5/1/87 - OIL change & FILTER, 8 qts Aeroshell 50

Replaced Turbocharger Tailpipe + ALL Turbo gaskets

Replace ALL exhaust gaskets. Replaced worn SPARK

Plugs with new. Replaced Lower Right engine

mount Bushing. checked magneto timing + BREAKER

felt Lubrication. Replaced intake scoop studs IAW

Rajay S/L 19. Replaced ALL Rocker Gaskets

+ Intake hoses on Right side. C/W AD 82-27-08

By Replacing Turbine housing with P/N 600510-04

David Wunscheh A.P. 185387229

Compression - #1 $75\frac{1}{8}$ #2 $76\frac{1}{8}$ #3 $73\frac{1}{8}$ #4 $78\frac{1}{8}$

Replaced WASTEGATE Assembly with Repaired P/N RS0603-501

TT. 1768 5/1/87 *David Wunscheh* A.P. 185387229



THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

TWIN COMMANCHE N967EY
SERIAL #1577 ADLOG #6938
WILLIAM T. HOLT

N1. 967 EY
Right

**ENGINE
MAINTENANCE
RECORDS**

ENGINE MAINTENANCE RECORDS

Log No. 6938

Aircraft Registration No. N967EY

Engine Manufacturer Lycoming

Model IO 320-C1A

Serial No. L2346-55A

Date installed on aircraft _____

Time Between Overhauls (TBO) 2,000 Hours

If used on multi-engine aircraft:

☒ Right

☐ Left

☐ Front

☐ Rear



**AERO
TECH PUBLICATIONS INC.**

P.O. BOX 528 / OLD BRIDGE, NJ 08857

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
5/1/87	1768			I certify this Engine Engine has been inspected in accordance with a 100 hr. annual inspection and found to be airworthy. I. T. 1768 Date 5/1/87 <u>Greg. Town</u> AE 13662-1A
5/27/88	1907			ANNUAL INSPECTION I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY <u>Greg. Town</u> AE 13662-1A
5/25/88	1907			Comp $1\frac{1}{4}/80$ $2\frac{1}{4}/80$ $3\frac{1}{4}/80$ $4\frac{1}{4}/80$ CHANGED OIL + FILTER, CLEANED SCREENS, 8 gTs AEROSHELL 50. REPLACED ALL TURBOCHARGER GASKETS AND SAFTED IAW Piper SB 884 CLEANED GAPPER + TESTED ALL SPARK PLUGS. INSPECTED HEAT SHIELDING ON TURBO OIL LINES. REPLACED ALL EXHAUST GASKETS WITH "NO BLOW" TYPE, C/W AD 78-09-07 ON MAGNETO IMPULSE COUPLING IAW SB 599B, ALL COUPLINGS WITHIN LIMITS, C/W 73-0704 B3 inspection, COILS + ROTORS ARE OF A ACCEPTABLE TYPE, STAMPED MAGS "A" TO INDICATE COMPLIANCE, C/W 74-26-07 BY REPLACING DRIVE BUSHINGS WITH MACHINED STEEL TYPE AND CHANGED PARTS DASH NUMBER TO INDICATE COMPLIANCE <u>Dan Wundlich</u> AD 85301225
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10/9/92	2194		2194	Oil + Filter changed, serviced with 8 qts Aeroshell 50 mineral oil. MAGNETO POINTS *Timing checked. SPARK plugs cleaned, gapped + Tested Replaced AIR FILTER ELEMENTS. Replaced WORN INTAKE Hoses with new #69603. Replaced Leaking Rocker cover gaskets as necessary. Compression: #1 $7\frac{1}{2}$/₁₆ #2 $7\frac{1}{2}$/₁₆ #3 $7\frac{3}{8}$/₁₆ #4 $7\frac{5}{16}$/₁₆ David Wunscheh A-P 85387229
				I certify this engine engine has been inspected in accordance with a 100-hour annual inspection and found to be airworthy. T. Z. 2194 Date 10/9/92 <u>George Town</u> 13662-1A
6/16/93	2235	0	2235	INSTALLED OVERHAULED engine IO-320-C1A s/n L-3346-56A - IN Right Position. Overhauled Prop gov. INSTALLED AT THIS TIME. All new Fuel, oil + Dexco hoses installed AT THIS TIME. New AIR cleaner, GENERATOR BELT, ALSO installed. Serviced with 8 qts Aeroshell 50 mineral AND TEST RUN. No LEAKS found, operation Normal David Wunscheh A-P 85387229
6-16-93		0		#1 cylinder Exhaust Stack Replaced David Wunscheh A-P 85387229
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

05/01/2016 N967EY PA-30-160 S/N: 30-1577
Hobbs: 3762 Total Airframe: 3762
C/W Annual Inspection. C/W AD's 79-12-08 Fuel Selector IAW SL 851A.
Next due: 3802. AD 83-10-01 Fuel Selector Valve Strainer Filter
IAW Para. (2)(a-c). Next due: 3802. AD 2004-25-16 Kelly Heater Fuel
valve. IAW Para (1). Next due: 05-17.
Inspected ELT IAW FAR 91,207(d)(1-4). Ops check good. Battery expires:
06-2016.

Removed Lt. MLG strut housing, sent out for repair. See yellow from S&B
Industries, Inc. for details. Reassembled, reinstalled and serviced strut using
new seals and hardware as required. Retraction check good. Removed and
replaced both Lt & Rt MLG tires and tubes.
Removed and replaced Both MLG retract Bungees. Next change due: 05-2018.
I certify that this airframe has been inspected IAW an Annual inspection, and
has been determined to be in an airworthy condition.

John J. Loftus
3676650A&P/IA

Right engine

05/01/2016 N967EY Lycoming IO-320-C1A S/N: L-3346-55A
Hobbs: 3763 SMOH: 1507 Total Engine: 1496
C/W Annual Inspection. No AD's due at this time. Drained engine oil, removed
filter. Inspection of internal contents showed no unusual debris. Installed new
filter and serviced engine with 8 qts of Aeroshell 100w Plus. Checked
compressions: 1) 75/80, 2) 75/80, 3) 78/80 and 79/80. Checked magneto timing.
Serviced spark plugs as required. Removed and cleaned fuel injector nozzles as
required.

Removed and replaced alternator belt. Removed and replaced #2 and #3 Cyl.
RBC drain tubes and all coupling hoses.
I certify that this engine has been inspected IAW an Annual Inspection, and has
been determined to be in an airworthy condition.

John J. Loftus
3676650A&P/IA

Left engine

05/01/2016 N967EY Lycoming IO-320-C1A S/N: L-3377-55A
C/W Annual Inspection. No AD's due at this time. Drained engine oil, removed
filter. Inspection of internal contents showed no unusual debris. Installed new
filter and serviced engine with 8 qts of Aeroshell 100w Plus. Checked
compressions: 1) 76/80, 2) 78/80, 3) 78/80 and 4) 77/80. Checked magneto timing.
Serviced spark plugs as required. Removed and cleaned fuel injector nozzles as
required.

Removed and replaced Alt belt. Removed and replaced #3 Cyl. RBC drain tube
and all coupling hoses.
I certify that this engine has been inspected IAW an Annual Inspection, and has
been determined to be in an airworthy condition.

John J. Loftus
3676650A&P/IA

Left propeller

05/01/2016

Hobbs; 3762

N967EY

Hartzell

SMOH: 000

HC-E2YL-2BS S/N: BG2246

Total Prop: 3762

I certify that this propeller has been inspected IAW an Annual Inspection,
and has been determined to be in an airworthy condition.

John J. Loftus

3676650IA

Right Propeller

05/01/2016

N967EY

Hartzell

HC-E2YL-2BS

S/N: BG371

I certify that this propeller has been inspected IAW an Annual inspection,
and has been determined to be in an airworthy condition.

John J. Loftus

3676650IA

SERVICEABLE PART

Manufacturer **Textron Lycoming**

Part Name **Engine**

Model **IO-320-C1A**

Part No.

Serial No. **L-3346-55A**

Remarks **Overhauled**

The aircraft engine or accessory identified above was:

- ☒ Overhauled
- ☐ Remanufactured/Rebuilt
- ☐ Repaired

and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to Service.

Work Order **A-3096**

Date **5/4/93**

Signed *[Signature]*

Textron Lycoming Service Center
Repair Station Number ED1R109K
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754

REPAIR STATION
ED1R109K

Form 2085

DATE

8069

Engine Model: **IO-320-C1A**
Serial #: **L-3346-55A**
Date: **5/4/93**
Total Time: **2224:0**
Work Order #: **A-3096**

Signed *[Signature]*
Textron Lycoming Service Center
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754
Repair Station

Form No. 365

PRECISION AIRMOTIV

Name of Part **Fuel I**
Part Number **252433**
Serial Number **20600**
Type/Model **PSA-5**
Manufacturer **PAM**
Remarks **Overhauled**

Inspector

GOVERNOR MAINTENANCE RELEASE
Make **HAI 2** Model **F-6-32** Serial No. **74421**
The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and has been certified for return to service. Pertinent details of work performed are on file at this station under W.O. No. **FR-49545**
Work performed complies with Airworthiness Directives and Service Bulletins.

CUSTOMER

ASSEMBLED BY:

"DETAILS ON BACK"

INSPECTOR

LICENSE NO:

DATE **94-22-93**

SUB-TOTALS this

TOTALS—Carry forward

U.S. PROPELLER SERVICE OF FLORIDA

8917 Maislin Drive, Building "F"
Tampa, Florida 33637
813-985-4140

RATINGS
LIMITED ACCESSORY
FAA Certificate No. UQPR028K

719VCEIARERS

IN SERVICE SINCE OVERHAUL METER TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

TEXTRON Lycoming

Williamsport Plant

Textron Lycoming/Subsidiary of Textron Inc.

652 Oliver Street
Williamsport, PA 17701 U.S.A.
717/327-7308

This engine has been overhauled/rebuilt in accordance with the applicable Textron Lycoming Overhaul Manual. All Federal Aviation Administration Airworthiness Directives and Textron Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are either new or newly overhauled. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: 10-320-C1A
Serial #: L-3346-55A
Date: 5/4/93
Total Time: 2224:0
Work Order #: A-3096

Signed *[Signature]*
Textron Lycoming Service Center
Williamsport/Lycoming Co. Airport
Montoursville, PA 17754
Repair Station

Form No. 365

PRECISION AIRMOTIV

Name of Part Fuel I
Part Number 252433
Serial Number 20600
Type/Model R5A-5
Manufacturer PAM
Remarks Overhauled

Inspector _____

CUSTOMER
ASSEMBLED BY: *[Signature]*
"DETAILS ON BACK"

INSPECTOR
LICENSE NO. *[Signature]*

DATE *94-22-93*

Make HAITZ GOVERNOR MAINTENANCE RELEASE
Model F-6-32 Serial No. 74421
The aircraft component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and has been certified for return to service. Pertinent details of work performed are on file at this station under W.O. No. FR-4955-5.
Work performed complies with Airworthiness Directives and Service Bulletins.

U.S. PROPELLER SERVICE OF FLORIDA
8917 Maislin Drive, Building "F"
Tampa, Florida 33637
813-985-4140

RATINGS
LIMITED ACCESSORY
FAA Certificate No. UQPR028K

SERVICES

SUB-TOTALS this

TOTALS—Carry forward

RETURN TO SERVICE

Make RaJay
 Model PA-30
 Unit Name Waste Gate Body
 Part # RJ 0603-501
 Serial # _____

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file under work order.

INV# 43174 W/O#3M496
 No. _____

Reconditioned John F. Regier
 By _____

Inspected J. F. Regier
 By AP 513547666

License No. 03-30-94

Date _____

WEBCO Aircraft

Phone (316) 283-7929
 1134 N. Oliver Rd./Hangar G.
 NEWTON, KANSAS 67114

DESCRIPTION OF WORK PERFORMED—
 SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

1. Century 1000 Airframe
 Engine has been inspected
 in accordance with a 100-hour
 annual inspection and found
 to be airworthy.

T. T. 2246 Date 9/15/93

George Town
 13662-1A

6/23/94 Hobbs Replaced wastegate
 Assembly with yellow Tag unit. Adjust
 ables as necessary and test for operation.

Dan Wunderlich AP 185387229

1/14/94 Hobbs 2391, Smotl 156.

compression: 1 7/8 = 2 7/8 = 3 7/8 = 4 7/8. O.I. drained

Filter changed. Serviced with 8 qts Aeroshell 40

cleaned Turbo Filter. Checked magnets points & timing

adjust to specs. Replaced worn Turbo inlet duct

hoses as necessary. Installed heat blanket on turbine

housing Dan Wunderlich AP 185387229

1. Century 1000 Airframe
 Engine has been inspected
 in accordance with a 100-hour
 annual inspection and found
 to be airworthy.

T. T. 2391 Date 10-14-94

George Town
 13662-1A

SUB-TOTALS this page

TOTALS—Carry forward to next page

RET

Make Model Unit Name Part # Serial #

The component
paired and
current Fe
and was f
service. Per
der work o

INV#

No.

Recondition

By

Inspected

By License No. Date

W
Ph
1134
NEV

TOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

1 Century 1200 ~~Marine~~
Engine has been inspected
in accordance with a ~~100 hr.~~
annual inspection and found
to be airworthy.

T. T. 2246 Date 9/15/93

George Town
13662-1A

6/23/94 Hobbs Replaced wastegate
Assembly with yellow Tag unit. Adjust
cables as necessary and Test For operation.

Dave Wunderlich AP185387229

10/14/94 Hobbs 2391, Smot! 156.

Compression: 1 $7\frac{1}{8}$ 2 $7\frac{5}{8}$ 3 $7\frac{5}{8}$ 4 $7\frac{5}{8}$. O.I.L. DRAINED

+ Filter changed. Serviced with 8 qts ArcoShell 40

cleaned Turbo Filter. Checked magnets points + timing

Adjust To specs. Replaced worn Turbo inlet dust

hoses as necessary. Installed heat blanket on turbine

housing. Dave Wunderlich AP185387229

1 Century 1200 ~~Marine~~
Engine has been inspected
in accordance with a ~~100 hr.~~
annual inspection and found
to be airworthy.

T. T. 2391 Date 10-14-94

George Town
13662-1A

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11/10/95		36.5	2590	Compression: $1 \frac{73}{80}$ $2 \frac{74}{80}$ $3 \frac{72}{80}$ $4 \frac{75}{80}$ OIL DRAIN + FILTER changed, Turbo Filter cleaned, Engine serviced with 8 qts Acrosell 50 AD oil + 6oz LVI 672 oil additive. SPARK Plugs cleaned, gapped and tested. Checked magneto points and timing. Replaced leaking rocker cover gaskets as necessary. Cleaned air filter. Reinstalled Fuel injector unit after overhaul/recalibration by Lycoming. David Wunderlich AP185387229
				I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY. <i>Ag. Jones</i> TT 2590 13662-1A
12-6-96		438	2663	Compression $1 \frac{73}{80}$ $2 \frac{75}{80}$ $3 \frac{76}{80}$ $4 \frac{72}{80}$ All SPARK plugs replaced with new Champion REB37E's. Checked magneto points + timing. Cleaned Air Filter. Lubricated controls. Replaced complete ignition harness with new harness supplied from Lycoming. David Wunderlich AP185387229
				I certify this engine has been inspected in accordance with an annual inspection and found to be airworthy. <i>Ag. Jones</i> 13662-1A
				Sub-TOTALS this page TOTALS—Carry forward to next page

MOYER AVIATION INC. EASTON AIRPORT (N43)

May 23, 1997

DATE

3800 SULLIVAN TRAIL EASTON, PA 18040

N-Number N967EY Model PA 30 Serial # 1577 Tach Time 2689

Right Engine: Drain crankcase, replace filter with new, inspect element, service with Aeroshell 100W.
Ground run, no leaks found, all indications normal. END
Tom Gilbert AP192628721IA
for Moyer Aviation Inc.12/3/97 2735.4 2735.4 500.4 500.4 2735.4

ADS CK'd thru 6W 97-22

COMPLETED ANNUAL INSP. FAW PIPER FORM.

SERVICED WITH AEROSHELL W80 + LW16702

C/W AD 93-02-05 Fuel INJ Line clamp insp.

C/W AD 96-12-07 Teledyne 500 HR. impulse coupling insp. + found to be in limits.

Air - Mods & Repair Inc.

Old Bridge Airport (3N6)
182 Pension Rd. English Town,
N.J. 07726 (908) 446-0703Tachometer 2735.4 Total Time 500.4 I certify that
this (engine) has been inspected in accordance
with a ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Time since last insp. 72.4

Dated 12/3/97 W.O. # N/A

DAVID MATHIESEN
A & P 139641126 I.A.

Signed

2/26/00 2830.0 595 595 2830.0

C/W ANNUAL INSP. FAW PIPER FORM.

METS REG. OF FAR PART 43, APP. D.

① 74/80 ② 74/80 ③ 75/80 ④ 74/80

SERVICED WITH SHELL W80,

C/W 93-02-05 Fuel INJ Lines + clamps insp.

ADS: idle + idle MIXTURE

Tachometer 2830.0 Total Time 595.0 I certify that
this (engine) has been inspected in accordance
with a ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Time since last insp. 94.6

Dated 2/26/00 W.O. # N/A

AIR-MODS & REPAIR INC.
OLD BRIDGE AIRPORT (3N6)
182 PENSION RD. ENGLISH TOWN
N.J. 07726 (732) 446-0703

Signed

DAVID MATHIESEN
A & P 139641126 I.A.

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11/10/01	2859	624	2859	c/w ANNUAL insp. IAW piper FORM. meets req. of FAR part 43. APP. D, ① 77/80 ② 77/80 ③ 77/80 ④ 77/80 Serviced with shell w80. c/w 93-02-05 fuel inj lines & clamps Replaced #2 cyl. RBC GASKET Replaced fuel pump drive seal, c/w RAIAY 81-19-04 new oil Hoses pressure & scavange installed. tachometer <u>2859</u> Total Time <u>2859</u> I certify that this aircraft (engine) has been inspected in accordance with a ANNUAL (100 HOUR) inspection and was deter- mined to be in airworthy condition. Time since last insp. <u>29</u> Dated <u>11/10/01</u> W.O. # <u>N/A.</u> Signed <u>David Mathiesen</u> DAVID MATHIESEN A & P 139641126 I.A
12-8-03 JM 1-8-04	2980	745	2980	CK'D COMPRESSION #1) 76/80 2) 76/80 3) 75/80 4) 76/80 DRAINED OIL REPLACED FILTER SERVICED WITH AEROSHELL 80W C/W AD 2002-26-01 FUEL INJECTOR LINES BY INSP NEXT DUE 3080 TACH OR FEET ^{1-05-JM} I CERTIFY THAT THIS ENGINE WAS INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY <u>Joseph W. W. W.</u> AP 153500199 I.A
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11-1-04	3030	TACH		CK COMPRESSION 1) 77/80 2) 77/80 3) 75/80 4) 77/80
	775	SMOH		DRAINED OIL INSPECTED FILTER SERVICED
	3030	TTE		WITH AeroShell 100W. REPLACED LOWER
				SPARK PLUGS. WITH NEW. REPLACED
				SEALS ON FUEL PUMP. I CERTIFY THAT
				THIS ENGINE WAS INSPECTED IN ACCORDANCE
				WITH AN ANNUAL INSPECTION AND DETERMINED
				TO BE AIRWORTHY
				Joseph Whitham AP 153500199IA
12-1-05	3060	TACH		CK'D COMPRESSION 1) 78/80 2) 78/80 3) 76/80
	805	SMOH		4) 78/80 DRAINED OIL REPLACED FILTER
	3060	TTE		SERVICED WITH AeroShell 80W CLEANED
				GAPPED TESTED & ROTATED SPARK PLUG
				REPLACED INDUCTION AIR FILTERS
				I CERTIFY THAT THIS ENGINE WAS
				INSPECTED IN ACCORDANCE WITH AN
				ANNUAL INSPECTION AND DETERMINED
				TO BE AIRWORTHY
				Joseph Whitham AP 153500199IA
1-8-06	3130	HOBBY		
5-25-06	3130	HOBBY		REPLACED VACUUM PUMP
				Joseph Whitham AP 153500199
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11-1-06	3130	HOBBS		Check Compression 1) $\frac{79}{80}$ 2) $\frac{78}{80}$ 3) $\frac{78}{80}$ 4) $\frac{79}{80}$
	875	SMOH		REPLACED #1 & #3 ROCKER GASKETS
	3130	TTE		CLEANED GAPPED TESTED & ROTATED SPARK
				Plugs. DRAINED OIL REPLACED FILTER
				SERVICED with AEROSHELL 80 W.
				REPLACED ENGINE Shock MOUNTS.
				REPLACED FUEL LINE BETWEEN SERVO AND
				FUEL DISTRIBUTOR CLEANED FUEL STRAINERS
				& REPLACED BOWL GASKETS. REPLACED
				INDUCTION AIR FILTER ELEMENTS CK'D
				AND ADJUSTED MAG TIMING SET IDLE
				SPEED AND MIXTURE TO SPECS. REPLACED
				TURBO CHARGER HOSES IAW AD 81-12-04
				I CERTIFY THAT THIS ENGINE WAS
				INSPECTED IN ACCORDANCE WITH AN
				ANNUAL INSPECTION AND DETERMINED TO
				BE AIRWORTHY
				<i>Joseph W. Mah</i> AP153500199TA
10-1-07	3180	HOBBS		CK'D COMPRESSION 1) $\frac{79}{80}$ 2) $\frac{78}{80}$ 3) $\frac{78}{80}$ 4) $\frac{79}{80}$
	925	SMOH		CHANGED OIL & FILTER SERVICED with AEROSHELL
	3180	TTE		100W CLEANED GAPPED TESTED ROTATED SPARK
				Plugs. C/W AD 96-12-07 Bendix MAGS.
				CK'D AND ADJUSTED TIMING REPLACED BRACKET
				FILTER ELEMENTS CK'D IDLE SPEED AND MIXTURE
				I CERTIFY THAT THIS ENGINE WAS INSPECTED
				IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED
				AIRWORTHY
				<i>Joseph W. Mah</i> AP153500199TA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12-1-08	3249	HOBBS		CK'D compression 1) 77/80 2) 77/80 3) 78/80 4) 77/80
	994	SMOH		DRAINED OIL REPLACED FILTER CLEANED STRAINERS
	3249	TTE		SERVICED WITH AeroShell 80W & 1 MEASURE OF Lycoming 1670Z ADDITIVE CLEANED FUEL INJECTOR NOZZLES. I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND DETERMINED TO BE AIRWORTHY
				Joseph W. Kihal AP153500199
2-1-10	3316	HOBBS		CK'D COMPRESSION 1) 78/80 2) 78/80 3) 76/80 4) 78/80
	1061	SMOH		DRAINED OIL REPLACED FILTER SERVICED WITH AeroShell 80W AND 1 MEASURE LW 1670Z
	3316	TTE		REPLACED LOWER SPARK PLUGS CLEANED & GAPPED UPPER PLUGS CK'D AND ADJUSTED MAG TIMING CK'D AND ADJUSTED IDLE SPEED & MIXTURE GROUND RUN NO LEAKS NOTED ALL INDICATION SATISFACTORY
				I CERTIFY THAT THIS ENGINE WAS INSPECTED IAW AN 100HR INSPECTION AND DETERMINED TO BE AIRWORTHY
				Joseph W. Kihal AP153500199 IA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

[illegible]

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
1-15-13	3499 Hobbs			CK'D compression 1) 78/80 2) 78/80 3) 78/80 4) 77/80
	1233 SMOH			DRAINED OIL CLEANED SCREEN REPLACED
	3499 TTE			FILTER SERVICED WITH AERO SHELL 80W
				AND 1 MEASURE LW 16702 CLEANED GAPPED
				TESTED & ROTATED SPARK PLUGS. CK'D MAG
				TIMING ADJUSTED IDLE SPEED & MIXTURE
				GROUND RUN-UP ALL INDICATION SATISFACTORY
				Joseph W. Miller
				AP153 SDO199IA
03/14/2014	3606 Hobbs			C/W Annual inspection. Drained engine
	1340 SMOH			oil, removed filter. Inspection of
	3606 TTE			internal contents showed no unusual
				debris. Serviced engine with
				8qts of Aeroshell 80plus. Installed
				new filter. Checked compression
				1) 78/80 2) 78/80 3) 78/80 4) 78/80
				Serviced spark plugs. Checked
				Magneto timing. Cleaned fuel
				injector nozzles. Removed and
				Replaced induction air filter.
				Post inspection run-up satisfactory
				I certify that this engine has been
				inspected IAW an annual inspection
				and has been determined to be in an
				airworthy condition.
				John J. Lefte
				36766/50 A+P/IA
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

1524.0 3790.0 3790.0

TOTALS brought forward from previous page

9-6-16

removed prop. gov. complied with
S.I. 1438A repaired prop. gov.
reinstalled test run ops. proper

Cuthbertson
162460038

8-1-17 3837.0 1571.0 3837.0

Tachometer 3837.0 Total Time 3837.0 certify that
this (aircraft) (engine) has been inspected in accordance
with an ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Dated 8-1-17

Signed Cuthbertson 162460038

changed oil and filter added 8qt 100+
over shell injected oil filter
compression test #1 75 #2 75 #3 75 #4 77
cleared gaps tested all spark plugs
replaced #1 cyl. ign. lead RN 5200-72.4
checked mag timing exhaust system induction
system.

11-24-18 3855.2 21589.2 3855.2

Tachometer 3855.2 Total Time 3855.2 certify that
this (aircraft) (engine) has been inspected in accordance
with an ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Dated 11-24-18

Signed Cuthbertson 162460038

injected oil filter
#1 75 #2 75 #3 78 #4 77

cleared gaps tested all spark plugs
cleaned injector nozzles
inspected exhaust sys. and turbo and
induction system

SUB-TOTALS this page

TOTALS—Carry forward to next page



PACKING LIST

CUSTOMER PO:967ey
ORDER NUMBER:1002365499
ORDER DATE:05AUG16

B 10000624
I TOTAL RF MARKETING, INC
L 137 N LINCOLN AVE
T NEWTOWN PA 18940-2213
O USA

S 20002712
H TOTAL RF MARKETING
I 137 N LINCOLN AVE
P NEWTOWN PA 18940-2213
T USA
O

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY
00010	0	30	LW12347 PLATE: PROP GOV BATCH 7363848744	1	

**This is not
For payment processing**

**The recipient of these goods agrees to comply with all export regulations governing
Diversion contrary to U.S. Law is prohibited.**

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-57. All parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, MIL-STD-883C, etc.) maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, a Service or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

Handwritten signature

JR Hofmann, Director, Global Quality

AV20 RS-06

INSPECTED, REPLACED SPEEDER SPRING, GOVERNOR PAINTED, ASSEMBLED, BENCH TESTED AND CALIBRATED IN ACCORDANCE WITH SPECIFICATIONS. THIS WAS THE ONLY WORK PERFORMED. END.

100+

7/80

224

38

Handwritten notes:
checked engine
inspected exhaust pipe and turbo and
induction system

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
01 May 15	3654	1388	3654	C/W Annual inspection. Drained oil, removed filter. Inspection of internal contents showed no unusual debris. Installed new filters and serviced with 8 qts of Aeroshell 100w Plus. Checked compression: 1) 78/80 2) 78/80 3) 77/80 + 4) 78/80. Serviced spark plugs. Check Mag timing. Removed, cleaned fuel injector nozzles. Removed and replaced air filters. Post inspection run-up satisfactory. I certify that this engine has been inspected IAW an annual inspection. And has been determined to be in an airworthy condition. <i>John J. Loftus</i> 3676650 A&P/IA

Right engine

05/01/2016

N967EY

Lycoming IO-320-C1A

S/N: L-3346-55A

Hobbs; 3763

SMOH: 1507

Total Engine: 1496

C/W Annual Inspection. No AD's due at this time. Drained engine oil, removed filter. Inspection of internal contents showed no unusual debris. Installed new filter and serviced engine with 8 qts of Aeroshell 100w Plus. Checked compressions: 1) 75/80, 2) 75/80, 3) 78/80 and 79/80. Checked magneto timing. Serviced spark plugs as required. Removed and cleaned fuel injector nozzles as required.

Removed and replaced alternator belt. Removed and replaced #2 and #3 Cyl. RBC drain tubes and all coupling hoses.

I certify that this engine has been inspected IAW an Annual Inspection, and has been determined to be in an airworthy condition.

John J. Loftus
John J. Loftus
3676650A&P/IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE
------	--------------------------------

3921

cleaned throttle body filter installed new
seal P/N CF 95 1789

2-1-21 39345 1672.5 39345

3934.5 3934.5
Tachometer... Total Time...
this (air) engine inspected in a...
with... inspection and...
mined to be in airworthy condition.

dated... 2-1-21
ned... 16246 0035

replaced exhaust tail pipe P/N RJ
0604 and gaskets AN RJ0114
RJ 0115

replaced V clamps AN RJ 0193
test run relorgued safety wired
changed oil and filter inspected filter
added 80W oil.

compression test #1 79#2 77#3 78#4

high start. Alt. mount first bolt
inspected wiring ground plugs

changed indicator filter P/N BA-27

SUB-TOTALS this page

TOTALS—Carry forward to next page

3925 Total Time 39.21.2 certify this aircraft engine has been inspected in accordance with an ANNA 110 110 inspection and was determined to be in airworthy condition.

Dated... 12-20-19

Signed... Robert J. Lawless 162460038

compression test #1 79 #2 76 #3 78 #4 78
checked mag timing
changed oil and filter added 8 qts 80W
inspected old filter
cleaned and tested all spark plugs
changed induction filter AN BA121
cleaned throttle body filter installed new
sub P/N CF98-1789

2-1-21 3934.5 1672.5 3934.5

3934.5 Total Time 3934.5 certify this aircraft engine has been inspected in accordance with an ANNA 110 110 inspection and was determined to be in airworthy condition.

Dated... 2-1-21

Signed... Robert J. Lawless 162460035

replaced exhaust tail pipe P/N RJ 0604 and gaskets AN RJ0114
RJ0115

replaced V clamps AN RJ0193

test run relubricated safety wired
changed oil and filter inspected filter
added 8 qts 80W oil

compression test #1 79 #2 77 #3 78 #4 78
high speed alt. mount pivot bolt
inspected wiring spark plugs
changed induction filter P/N BA-27

SUB-TOTALS this page

TOTALS—Carry forward to next page

MINING WORK

00-6-172

2360/1
20 38

FAX 918-835-3696
OK 74115

05-24-21
INV 616178

P.O.: WILLIAM
LEVITTOWN
Ph: 267-784-7533

-0172

RIALS, HAVE BEEN MANUFACTURED, TESTED, INSPECTED
YOUR ORDER AND THE APPLICABLE GOVERNMENT
ND CERTIFICATION INDICATING THE ABOVE CONFORMANCE
OUR EXAMINATION. IT IS FURTHER CERTIFIED THAT
E PRODUCED UNDER FEDERAL AVIATION ADMINISTRATION
AS SET FORTH IN THE FAA ISSUED TECHNICAL
AND (B) SUCH PARTS AND/OR MATERIAL ARE NEW AND
ACTORY COMPLIANCE WITH THE CONDITIONS AND TESTS
MET THE MINIMUM PERFORMANCE STANDARDS AS STATED
INSTALLER TO DETERMINE THE INSTALLATION
O BE SUBJECT TO CONDITIONS IN EXCESS OF THOSE

DATE

8-4-2

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE

TOTALS brought forward from previous page

8-4-21 39351 1673.1 39351 replaced tank hose P/N 6201000-6-172
 test run checked for leaks

Cullen & Sons Inc.
 16246 00 38

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
8-4-21	3935.1	1673.1	3935.1	TOTALS brought forward from previous page
				replace tank hose P/N 624000-6-172
				test run checks for leaks
				Autlen & Sons Inc.
				16245 06 38

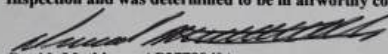
Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center

RIGHT ENGINE

N967EY 3/8/23 Hobbs:3938.8 TTIS: 3938.8 SMOH: 1677.3

- C/W Annual inspection & servicing IAW Piper PA30 inspection form and requirements of FAR 43 Appendix D.
Compressions (@80 PSI): 1/73 2/77 3/76 4/76
Drained oil, inspected filter & screen. Installed new 48110-2 filter and 8 qts.
Phillips X/C 20w-50. Installed new BA-27 air filter,
Replaced RBC gaskets as required and multiple adel clamps
Adjusted alternator belt and resafited.
Ground run, leak and operational checks satisfactory.
C/W Lycoming AD 15-19-07 Fuel inj. lines clamps SB 342G next due 4048.8
- AD compliance checked thru bi-weekly 2023-05.

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


David Mathiesen AP2779041A

1. Installed overhauled engine fuel pump (Pn: 201F-5003, Sn: H-WDN067FP).
2. Installed overhauled Bendix Magneto (Pn 10-51360-37, Sn 973412) in the right-hand position.
3. Installed new electronic ignition unit (Pn SIM4P rev F, Sn 1523009) by SureFly in the left-hand position iaw SureFly installation manuals, inserted supplement into POH, 337 filed.
4. Installed all new spark plugs and ignition harnesses: fine-wire were connected to Bendix and machine electrode to SureFly.
5. All four engine mounts replaced with new Lords.
6. All engine oil and fuel hoses replaced with new teflon from Precision. **AD 81-19-04 FINEWIRES**
7. All engine intake and exhaust seals and replaced with new.
8. All engine intake tube to oil sump rubber connector hoses replaced with new.
9. Replaced right turbo waste gate with serviceable unit.
10. All turbo air hoses were replaced with new. Installed new V-clamps complying with AD23-09-09. Replace every 500hrs with new.
11. Engine mount tubes adjacent Turbos sanded and coated with heat resistant Ceramic paint as recommended by RayJay SL13.
12. Replaced right engine lower left turbo mount with new.
13. Replaced most engine adol clamps and tie wraps with new.
14. Changed engine oil and filters.
15. Cleaned turbo oil filters.
16. Ran engines, adjusted mixtures and idles, no leaks.
17. Weight and balance change negligible.
18. Test flew, all indications normal.
19. All work performed iaw FAR 43 and/or manufacturer's manuals.

BEVAN AVIATION, INC. 1880 S AIRPORT ROAD WICHITA, KS 67209 CRS KG2R951K
LOG ID# 12222 18-April-2024 WO# 80393 AC TT 3974.2 HOBBS 3974.2
N967EY S/N 30-1577 PIPER PA-30

Pg 1 / 1

PERFORMED ANNUAL INSPECTION IAW FAR 43 APPENDIX (D) USING PA30 INSPECTION FORM AS A GUIDE.
 COMPRESSIONS WERE R/H 1.76 2.75 3.78 4.78 OVER 80.
 CLEANED AND GAPPED SPARK PLUGS. CHECKED MAGS TO ENGINES TIMING.
 COMPLIED WITH AD 2015-19-07 BY VISUALLY INSPECTING FUEL INJECTION LINES FOR PROPER
 BEND RADII, CRACKED SOLDER JOINTS OR PHYSICAL DAMAGE. NO FAULTS FOUND AT THIS TIME.
 ALL APPLICABLE AD'S CHECKED THROUGH THIS DATE.
 I CERTIFY THAT THIS ENGINE WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE MAINTENANCE PERFORMED
 ARE ON FILE AT THIS REPAIR STATION UNDER W/O 80393.

Russell Parker 4-18-2024

KG2R951K RUSSELL PARKER

Date _____

5/14/24

~~40205~~
39882

REMOVED AND REPLACED FUEL FLOW
DIVIDER PART# 2524232-2 WITH
OVERHAULED S/N# A1AB913, PLAND
2719660

7/18/24

4008.3

Changed engine oil and filter w/ AeroShell 100w
Sean Doyon ~~Levin~~ Paym 4210741

SUB-TOTALS this page

TOTALS—Carry forward to next page

PIERRE DOYON
Attn: PIERRE DOYON
1030 LOCKLIN WAY

WOODLAND PARK CO 80863
United States

Aircraft: PIPER
S/N: 301577

Tail No.: N967EY-RH

910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

Date: 4/18/2023
Engine S/N: L337755A
Engine Model: LYC. 320

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE		SAMPLE APPEARS NORMAL. Send next sample at normal interval.																																																																																											
Sample Date: 3/8/2023 Analysis Date: 4/17/2023 Sample Number: P333 Cylinder Type: steel TSN/TSO: 1677.3 Oil Hours: unknown Filter Hours: Oil Added: Filter Wt. (mgs): Flashpoint(deg. F): H2O (ppm): Total Acid No.:		Normal Elevated High *** OIL ANALYSIS RESULTS IN PARTS PER MILLION *** <table border="1"> <thead> <tr> <th>Iron</th> <th>Copper</th> <th>Nickel</th> <th>Chromium</th> <th>Silver</th> <th>Magnesium</th> <th>Aluminum</th> <th>Lead</th> <th>Silicon</th> <th>Titanium</th> <th>Tin</th> <th>Moly.</th> </tr> </thead> <tbody> <tr> <td>13.4</td> <td>0.4</td> <td>0.7</td> <td>0.8</td> <td>N/A</td> <td>N/A</td> <td>5.2</td> <td>753</td> <td>2.3</td> <td>N/A</td> <td>< 0.1</td> <td>N/A</td> </tr> <tr> <td>(N/A)</td> <td>(N/A)</td> <td>(N/A)</td> <td>(N/A)</td> <td></td> <td></td> <td>(N/A)</td> <td>(N/A)</td> <td>(N/A)</td> <td></td> <td>(N/A)</td> <td></td> </tr> </tbody> </table> *** FILTER ANALYSIS RESULTS *** <table border="1"> <thead> <tr> <th>Material:</th> <th>Stainless Steel</th> <th>Carbon Steel</th> <th>Alloy Steel</th> <th>Bearing Alloy</th> <th>Copper</th> <th>Silver</th> <th>Magn.</th> <th>Alum.</th> <th>Grit</th> <th>Misc.</th> </tr> </thead> <tbody> <tr> <td>Amount:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Type:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Form:</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>												Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.	13.4	0.4	0.7	0.8	N/A	N/A	5.2	753	2.3	N/A	< 0.1	N/A	(N/A)	(N/A)	(N/A)	(N/A)			(N/A)	(N/A)	(N/A)		(N/A)		Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.	Amount:											Type:											Form:										
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