



The Standard

ENGINE LOG

ASA-SF-1

The subject aircraft was involved in an incident /
accident on 1/30/2025 rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 0823002933US.

Signed: ***Underwriters Salvage Company***

Date: **3/21/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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River Town Aircraft Services LLC
554 Airport Road Hangar 2
Williamstown WV 26187
3048102051

Make: Piper
Model: PA-28-140
Tail: N5289S
S/N: 28-26945

Hours: AC: 5041.39 TT: 2959.25 ESMOH: 1121.41

Performed annual inspection IAW checklist conforming to the scope and detail of 14 CFR Part 43 Appendix D. Performed cylinder compression test: #1) 78/80, #2) 73/80, #3) 78/80, #4) 71/80. Performed cylinder borescope inspection; no discrepancies found. Drained engine oil and removed oil filter. Cut open and inspected filter; no contamination found. Installed new AA48110-2 oil filter and serviced engine with 8 qts of Phillips XC 20W50 and 1 pint of Camguard. Cleaned, inspected, gapped, and reinstalled spark plugs. Replaced exhaust flange gaskets on cylinders 1, 2, and 4 with new gasket P/N 77611. Replaced #3 top spark plug with new serviceable UREM38E spark plug. C/W AD 17-14-04 Oil Cooler Hose Assemblies by visual inspection. Verified TSO C35A Type D hoses installed; no further action required. Engine ops and leak check performed and found good. Applicable AD's checked utilizing AD Toolbox software and AD Compliance report generated. I certify that this ENGINE has been inspected IAW an ANNUAL inspection on this date and is in an AIRWORTHY condition.

Signed:
Name: JOSHUA S WILSON

Cert: AP3140858IA
Date: 10/11/2023

YE 20____ DA	Make: LYCOMING	Model: O-320-E2A	Tail: N5289S	S/N: RL-27608-27A
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Hours: TTAF: 5061.48 TACH: 2979.34 ESMOH: 1141.50 PropTT: 991.43 Hobbs: 0877.6

Performed annual inspection IAW checklist conforming to the scope and detail of 14 CFR Part 43 Appendix D. Performed cylinder compression test: #1) 79/80, #2) 60/80, #3) 75/80, #4) 58/80. Performed cylinder borescope inspection; no discrepancies found. Drained engine oil and removed oil filter. Cut open and inspected filter; no contamination found. Installed new AA48110-2 oil filter and serviced engine with 8 qts of Phillips XC 20W50 and 1 pint of Camguard. Cleaned, inspected, gapped, and reinstalled spark plugs. Performed valve lapping procedure on cylinder #2 intake & exhaust valves. Replaced rocker arm shaft w/ new P/N: LW-13790. Performed new compression test on cylinder #2: 66/80. Performed valve lapping procedure on #4 cylinder intake and exhaust valves. Replaced rocker arm shaft w/ new P/N: LW-13790 and replaced exhaust valve rocker arm assembly w/ new P/N: SL 18790. Performed new compression test on cylinder #4: 70/80. Replaced all cylinder exhaust port flange gaskets w/ new P/N: 77611 gaskets. Engine ops and leak check performed and found good. Applicable AD's checked utilizing AD Toolbox software and AD Compliance report generated. I certify that this ENGINE has been inspected IAW an ANNUAL inspection on this date and is in an AIRWORTHY condition.

Signed:
Name: JOSHUA S WILSON

Cert: AP3140858IA
Date: 09/16/2024

Engine Record General Information

Manufacturer Lycoming Model O-320-E2A

Serial RL-27608-27A Type Certificate _____

This engine is currently installed in aircraft: N5289S

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at _____ hours

EA-ELB

#2



ENGINE LOGBOOK

Printed in the USA

N5289S (Engine log entry)
Lycoming O-320E2A s/n RL-27608-27A

Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Piper PA28-140 s/n 28-26945 this date. Performed post inspection operational checks per FAR43.15 (c)
Changed oil and filter. Phillips 20W50 Mineral. Compression #180/80 #2 78/80 #3 0 #4 76/80
Installed exchange #3 cyl with Lycoming new 05K21237-A s/n N/A cylinder assy with provided piston, rings, piston pin, gaskets. Torqued per Lycoming Service table of Limits in Direct Drive OVERHAUL Manual. Per fig. 6-32/
Cleaned and rotated spark plugs. Cleaned and surfaced exhaust flanges reinstalled exhaust with new gaskets. Checked mag timing.

DATE: 9/22/2020 TACH: 2853.0 Act TT 4935.55 Engine TSMOVH: 1016.04

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



Anthony R. Saxton AP32537461A

May 15, 21		Changed oil, filter, serviced with 7/2 20W-50, leak checked
June 29, 21		Changed spark plugs with Rem38EE (8) torqued and ran
11/1/21	TACH 2878.34 TSMOVH-1041.88	Tach - 2872.29 Annual inspection this date per FAR 43 APP D removed cowl, drained oil, removed and cut filter no debris found serviced engine with Phillips 20W50 oil installed new CH48/110 filter checked compressions All 76/80 or higher, replaced engine mounts with new heavy mounts replaced throttle and mixture controls with new, engine washed down, sent both mags to Professional aircraft for overhaul, replaced ignition harness, reinstalled cowl, run up and ops check OK I certify that this engine has been inspected in accordance with an annual inspection and found airworthy on this date

12/4/22 TACH 2931.84 TSMOVH 1094.0
Annual inspection this date per FAR 43 app D removed cowl, drained
oil removed and cut filter, no debris found, serviced engine with
Phillips 20W50 oil and installed + serviced Champion CH48/110
oil filter, checked fuel screens and air filter, compressions
all 75/80 or better checked mags to engine timing and cleaned
spark plugs, reassembled, run up and ops check OK, I certify
that this engine has been inspected in accordance with
an annual inspection and found airworthy on this date

2700339IA

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.

Achievement Aviation LLC

Facility Address:
Lakefield Airport
6177 St Rd 219
Celina, OH 45822

June 22, 2017 N5289S Lycoming O-320-E2A SN#RL-27608-27A Tach:2783.86

(1) Complied with AD 94-01-03 R2 on RIGHT magneto PN#S4LN-204 SN#346214 by verifying the ignition coil is PN#10-357165(A)-20, and the magnet is of current design in the right magneto per Continental SB MSB644. Marked magneto with 'C' as specified by MSB644.

(2) Replaced 2ea cracked spark plug harness nuts on upper #1 and #3 spark plugs with Slick M1673 in accordance with Champion manual L-1499B Rev B section 4.0

Joshua L Johnson 2861559 A&P

—END—



N5289S (Engine log entry)

Lycoming O-320E2A s/n RL-27608-27A

Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Piper PA28-140 s/n 28-26945 this date. Performed post inspection operational checks per FAR43.15 (c)

Changed oil and filter. Phillips 20W50 Compression #1 74/80 #2 76/80 #3 77/80 #4 74/80

Cleaned and rotated spark plugs. Replaced several exhaust studs and reinstalled exhaust with all new gaskets.

AD2004-10-14 eff. 6/25/04 Crankshaft retaining bolts. Due at any prop strike event as defined by AD note.

AD2017-16-11 eff 8/15/17 Connecting rod. NA engine has no affected rods installed in time frame per MSB632B.

DATE: 8/17/2018

TACH: 674.4

Engine TSMOVH: 964.94

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

Anthony R. Saxton AP32537461A

N5289S (Engine log entry)

Lycoming O-320E2A s/n RL-27608-27A

Inspected engine per 100 hr. checklist meeting requirements of FAR 43 App. D. in conjunction with Annual Inspection on Piper PA28-140 s/n 28-26945 this date. Performed post inspection operational checks per FAR43.15 (c)

Changed oil and filter. Phillips 20W50 Mineral. Compression #1 cracked #2 78/80 #3 76/80 #4 80/80

Installed exchange #1 cyl with Lycoming 05K21237-A s/n LW-16475 cylinder assy with provided piston, rings, piston pin, gaskets.

Torqued per Lycoming Service table of Limits in Direct Drive OVERHAUL Manual. Per fig. 6-32/

Cleaned and rotated spark plugs. Replaced several exhaust studs and reinstalled exhaust with all new gaskets. Checked mag timing.

Sanded portions of engine mounts with light surface rust and primed and painted.

DATE: 8/13/2019

Hobbs 690.7 TACH: 2813.4 Aft TT 4900.75

Engine TSMOVH: 982.34

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



Anthony R. Saxton AP32537461A

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
MAY	TACH	CHANGE OIL, NO OIL FILTER, INSPECTED
2D	2745.64	ENGINE CONTROLS, EXHAUST SYSTEM, AIR
2012		FILTER, FUEL FILTER, CHECKED COMPRESSION,
	5MOH	RAW ENGINE, NO LEAKS, PERFORMANCE
	918.48	OK O.K. I CERTIFY THAT THIS ENGINE
		WAS INSPECTED I/A/W AN ANNUAL
	AFTT	INSPECTION AND HAS BEEN FOUND TO BE
	4829.14	IN AIRWORTHY CONDITION. Richard C. Carl Jr.
		ATP2166294 IA, Carlo Air Service, Cynthia,
		Ky. <u>End</u>
JULY	TACH	CHANGED ENGINE OIL AND OIL FILTER, SERVICED
13	2754.49	WITH 70TS AEROSHELL W100LVS AND 1 TEMPEST
2013	5MOH	AA 48110-2 OIL FILTER, CHANGED AND GAPPED SPARK
	927.33	PLUGS, CHECKED COMPRESSION #1-60/80, #2-76/80,
	AFTT	#3-74/80, #4-74/80, INSPECTED INTAKE SYSTEM,
	4837.99	EXHAUST SYSTEM, FUEL & AIR FILTERS, ENGINE CONTROLS,
		RAW ENGINE, NO LEAKS, PERFORMANCE CHECK OK. I CERTIFY THAT
		THIS ENGINE WAS INSPECTED I/A/W AN ANNUAL INSPECTION AND
		HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. Richard C. Carl Jr.
		ATP2166294 IA, <u>End</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
SEPT	TACH	CHANGED OIL, AND OIL FILTER, CUT OPEN
14	2767.55	OLD FILTER - OK O.K. CHECKED SPARK PLUG
2014		GAPS CHECKED COMPRESSION, ALL CYLS CHECK
		70/80 OR ABOVE INSPECTED ENGINE CONTROLS,
	5MOH	EXHAUST SYSTEM, INSPECTED FUEL AND AIR
	931.54	FILTERS, RAW ENGINE, NO LEAK, PERFORMANCE
	AFTT	CHECK OK. I CERTIFY THAT THIS ENGINE
	4851.05	AND PROPELLER WAS INSPECTED I/A/W AN
		ANNUAL INSPECTED AND HAS BEEN FOUND
		TO BE IN AIRWORTHY CONDITION. Richard C. Carl
		Jr. ATP2166294 IA, Carlo Air Service, Cynthia,
		Ky. <u>End</u>

INSPECTION & MAINTENANCE RECORD

[illegible]

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
JUNE-06 2011	TACH 2727.30	CHANGED OIL AND OIL FILTER, SERVICED WITH 7qt AEROSHELL 100 PLUS and ONE CH48110-1 OIL FILTER CHECKED COMPRESSION #1-70/80, #2-77/80, #3-74/80, #4-75/80, INSPECTED ENGINE CONTROLS, EXHAUST SYSTEM, FUEL AND AIR FILTERS, RAN ENGINE, NO LEAKS, PERFORMANCE CIL D.K. I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. Richard C. Carls - A6PR166294JA, Carlo Air Service, LLC, Louisiana, Ky. ————— End —————

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
APRIL 20 2008	TACH 2651.72	CHANGED OIL, SERVICED WITH AEROSHELL 15W50 OIL, LUBED ENGINE CONTROLS, INSPECTED EXHAUST SYSTEM, CHECKED SPARK PLUGS, CHECKED AIR AND FUEL FILTERS, CHECKED COMPRESSION, #1-72/80, #2-74/80, #3-76/80, #4-72/80, RAN ENGINE, NO LEAKS, PERFORMANCE OK. D.K. I CERTIFY THAT THIS ENGINE WAS INSPECTED I/P/W AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. — Richard C. Paul Jr. ATP 2166294TA, CARLO AMARRO LLC, Cynthiana, Ky. — End —
	SMOH 824.56	
	A.F.T.T 4296.62	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
MAY 03 2009	TACH 2682.40	CHANGED OIL AND OIL FILTER, CUT OPEN AND INSPECTED OLD FILTER, OK OIL, SERVICED WITH AEROSHELL 15W50 OIL AND 1 CH48110-1 OIL FILTER, CHECKED ENGINE COMPRESSION, #1-62/80, #2-65/80, #3-78/80, #4-70/80, INSPECTED EXHAUST SYSTEM, REPLACED AIR FILTER ELEMENT, CHECKED FUEL FILTERS, INSPECTED ENGINE CONTROLS, INSPECTED EXHAUST SYSTEM, RAN ENGINE, NO LEAKS, PERFORMANCE OK. D.K. I CERTIFY THAT THIS ENGINE WAS INSPECTED I/P/W AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. — Richard C. Paul Jr. ATP 2166294TA, CARLO AMARRO LLC, Cynthiana, Ky. — End —
	SMOH 855.24	
	A.F.T.T 4765.90	

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-19-06		TAC 2573.91 Check compression Band #3 cylinder Below 80/100 changed out #3 cylinder with serviceable cyl assembly from Lab Engineering #4433 of Pila New Rings & Gasket assembly. Ran & Leaked Engine Compression 100% #1 71/100 #2 76/100 #3 79/100 #4 78/100 Complied with AD 952613 installed oil cooler Hoses this date. Performed Annual Inspection TAC Repet Service Manual & Locomotive Service Manual. Fuel Lines check. One charging in Vothos installed New Vacuum Pump 215CC Serial #36573 check Timing, Chained Plugs Ran & Leak check Engine TTE 2573.91 TSMOH 746.75 Project 21148714

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
MARCH 25 2007	TACH 2613.12 AFTT 4696.62	CHANGED OIL, CHANGED OIL FILTER, SERVICED WITH 1 CH4810-1 FILTER AND 89TS AEROSHELL 10W50 OIL; INSTALLED ALL NEW SPARK PLUGS, CHECKED COMPRESSION, #1-76/70, #2-76/80, #3-76/80, #4-76/80, CHECKED FILTERS, RAN ENGINE NO LEAKS, PERFORMANCE CHECK OK. I CERTIFY THAT THIS ENGINE WAS INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AIR WORTHY CONDITION. Richard C. Carls - A&B 2166 2941A, Carlo Air Service LLC, Egyptiana, 194- ————— END —————

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
1-5-04	2562.2	3) COMP TEST: 1) 70 2) 76 3) 72 4) 70
	HOBBS: 380.2	4) CHECKED OIL + FUEL LINES
		5) REPLACED AIR FILTER
		6) CLEANED + GAPPED PLUGS.
		7) CHECKED MUFFLER AND EXHAUST SYS.
		8) CHECKED TIMING 25 DEG.
		9) WASHED ENGINE.
		10) REPLACED COWLING.
		I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION IN SCOPE AND DETAIL OF FAR 43 APP-D AND IS APPROVED FOR RETURN TO SERVICE AT THIS TIME.
		A+P 2254027

INSPECTION & MAINTENANCE RECORD		INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
DATE	TOTAL TIME	
5/19/05	2568.8	COMPRESSION TEST: #1) 65/80 #2) 66/80
TSMOH	741.6	#3) 75/80 #4) 68/80
		CHANGED OIL, FILTER, CHECKED MAG. TIMING,
		CHECKED FOR OIL LEAKS, CHECKED ENGINE MOUNT
		CHECKED PROP. & SPINNER, WIRING & HARNESS, CLEANED
		PLUGS, ALL OIL & FUEL HOSES,
		OIL: 7 QTS AMMOHELL 100
		I certify that this <u>ENGINE</u> has been
		inspected in accordance with an ANNUAL inspection, F.A.R. part
		43 appendix D, and, <u>Lyc. 0320-B2A</u> service manual
		and was determined to be in airworthy condition/All A.D.'s
		complied with.
	tach.time <u>2568.8</u>	/ total time <u>2568.8</u>
	t.s.m.o. <u>741.6</u>	/ date: <u>5/19/05</u>
		<u>Ruth Baker AP2699209IA</u>

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
6-01		
TACH:	2537.2	PERFORMED AN ANNUAL/100 HR INSPECTION AS PER PIPER
IT ENG:	2537.2	SERVICE MANUAL #753-586 AND FAR 43 APPD. WORK AS FOLLOWS.
ITSMOH:	710.04	REMOVED COWLINGS, COMP TEST 1) 72 2) 74 3) 70 4) 71
		CHANGED OIL + FILTER 6QT ASW 100 OIL. CHECKED MAG TIMING
		25° BT. INSPECTED HOSES, REPLACED BRACKET AIR FILTER
		BA3 - CLEANED + GAPPED PLUGS. CLEANED FUEL SCREENS. DRAINED
		CARB. WASHED ENGINE RECOILED GROUND RUN OPS CHECK
		NORMAL. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
		IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS
		DETERMINED TO BE IN AIRWORTHY CONDITION IN SCOPE +
		DETAIL OF FAR 43 APP-D.
		P. Brehard/lan
		A+P 2254027 IA.

INSPECTION & MAINTENANCE RECORD

DATE	TOTAL TIME	INSPECTION OR MAINTENANCE PERFORMED AGENCY & CERTIFICATE NO.
8-6-02		PERFORMED AN ANNUAL/100 HR INSPECTION, AS PER PIPER
TACH -	2549.64	SERVICE MANUAL #753-586 AND FAR 43 APPD.
HOBBS -	363.5	WORK AS FOLLOWS! COMP TEST 1) 68 2) 72 3) 71 4) 70
ITSMOH -	722.48	CHANGED AND CHECKED OIL FILTER. CH-48110 AND 8QT
		ASW-100. REPLACED BRACKET AIR FILTER, GAPPED PLUGS
		CLEANED FUEL SCREEN. INSPECTED MUFFLER + TAIL PIPE
		INSPECTED FUEL + OIL HOSES. I CERTIFY THAT THIS
		ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH
		AN ANNUAL INSPECTION AND WAS DETERMINED TO BE
		IN AIRWORTHY CONDITION, IN SCOPE AND DETAIL OF
		FAR 43 APPD. ALL AD CHECKED AND C/W AS NECESSARY
		SEE COMPLIANCE SHEET DATED 8-6-02 -
		A+P 2254027 IA P. Brehard/lan
1-5-04	2562.2	PERFORMED AN 100/ANNUAL INSPECTION AS PER PIPER
HOBBS:	380.2	SERVICE MANUAL #753-586 AND FAR 43 APP-D, WORK AS FOLLOWS
		1) REMOVE COWLINGS + PANELS AS NECESSARY
		2) DRAIN + CHANGE OIL CHECK FILTER, REPLACED WITH CH-48110
		AND 8Q ASW. 100 SHELL OIL.

ENGINE DESCRIPTION

MANUFACTURER AVCO Lycoming MODEL C-320-E2A
 SERIAL NUMBER RL-27608-27A DATE OF MANUFACTURE 3-14-74
 RATED BHP/SHP/THRUST 150 RPM 2700 MANIFOLD PRESSURE 29.9
 FUEL REQUIRED OCTANE/PERFORMANCE 100LL ALTERNATE FUEL AUTO 87
 PROPELLER SER. NO. R31151 DATE INSTALLED 12-90
 REGISTERED OWNER DAVID POWELL
 STREET & NO. _____
 CITY, STATE, ZIP _____
 DATE PURCHASED _____ DATE SOLD _____
 REGISTERED OWNER _____
 STREET & NO. _____
 CITY, STATE, ZIP _____
 DATE PURCHASED _____ DATE SOLD _____
 TBO HOURS 2000 LAST OVERHAUL DATE/HOURS 3-22-91

NOI

From No. 8
2m 5-75PAN AIR CORPORATION
New Orleans, La.

SERVICEABLE PART TAG

Part Number

5932-0105

Part Name

ALTIMETER

S/N Number

41918

For Aircraft (Type)

South Central Air Transport

Remarks

MOD & OHC

Repaired by

JEB

Date

Next Inspection Due

Inspector

Date

INSTALLED BY

DATE

SHIP No.

SERVICEABLE

007

LEA

Owner's Ticket

TECHNICIAN

Conforms to:

Print

Finish

Approved by

SERVICE SUPT.

CHIEF INSPECTOR

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5-12-00	Brought Forward →			
	GROUND RUN ENGINE OPS CHECK NORMAL.			
	C/W AD-95-26-13 OIL COOLER HOSES DUE: 2624.1			
	I CERTIFY THAT THIS <u>ENGINE</u> INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u> SECTION AND WAS DETERMINED TO BE IN "AIR-WORTHY" CONDITION IN SCOPE AND DETAIL OF FAR 43 APP. D.			
	<u>Richard Cam</u> RICHARD CAM A&P 2254027 IA.			
Total To Carry Forward				

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3/6/99	Brought Forward →			
HOBB: 2913	REMOVED COWLINGS PERFORMED 100 HR INSPECTION AS			
TACH: 2489.8	PER PIPER SERVICE MANUAL: CHANGED OIL + FILTER CH-48110			
TSMCH 4970	6 QT ASW 100. REPLACED #4 CYL EXHAUST PORT STUD. 13.7.			
	AND HELI COIL. + GASKET. CHECKED TIMING 25° BT.			
	COMP TEST: 1) 68 2) 76 3) 71 4) 74. CLEANED			
	AND GAPPED PLUGS. WASHED ENGINE, REINSTALLED COWLINGS			
	GROUND CHECK GOOD. I CERTIFY THAT THIS ENGINE HAS			
	BEEN INSPECTED IN ACCORDANCE WITH AN 100 HR. INSPECTION			
	AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION			
Total To Carry Forward				

AIR 2254027 Richard Cum

and Remarks	Signature	Certificate No.
5-12-00	HOBB: 2524.16	TEN: 2524.16 TSMCH: 5316
PERFORMED AN ANNUAL/100 HR INSPECTION AS PER PIPER SERVICE		
MANUAL #753-586 AND FAR 43 APP. WORK AS FOLLOWS.		
DRAINED OIL CHANGED + CHECKED FILTER. INSTALLED 8 QT ASW 100 AND		
A CH-48110 OIL FILTER. REMOVED ALL COWLINGS, REMOVED SHROUD FROM		
MUFFLER INSPECTED MUFFLER AND BRACKETS, INSPECTED UP TAIL PIPE		
WITH ROBE SCOWE NO DEFECTS NOTED. REINSTALLED SHROUD. CLEANED		
AND GAPPED ALL PLUGS. COMP TEST: 1) 70 2) 75 3) 70 4) 74.		
CHECKED MAG TIMING 25° BT. REPLACED AIR FILTER BA-3.		
REPLACED STARTER WITH REPAIRED UNIT. DRESSED + PAINTED BACK OF		
PROP. CHECKED CONTROLS FOR OPERATION AND SAFETY. OVER →		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
1-2-98	Brought Forward →			DRAINED OIL, REMOV-
TACH:	2462.0			INSTALLED NEW
ENG TT:	2462.0			REMOVED ALL
TSOH:	469.2			COMP TEST: 1) 68,
TTAF x	4545.0			SET MAG TIMING
				REP'L WORN BOLTS ^{PL}
Note: This carb on engine Aug 2018. No Record of				
	Install.			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
ED OIL FILTER, CKD. FOR METAL, CKD. NORMAL.		
OIL FILTER AND A/S 100-50 W. OIL.		
SPARK PLUGS CLEANED AND GAPPED. RE-INST.		
2) 76, 3) 70, 4) 75 OVER 80 PSE.		
TO 25° BTC.		
MOUNTING BRACKET W/ NEW BOLT.		
A+P 2254027 Richard Cam		
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 IN SCOPE AND DETAIL OF FAR 43 APP. D.		
Richard Cam		
RICHARD CAM		
A&P 2254027		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-3-96	Brought Forward →			PERFORMED 100 HR
TACH —	2434.8			REMOVED ACC. HSNG.
ENGTT —	2434.8			AND OIL PUMP HSNG.
TSMO —	442.0			ACC. HSNG AND —
				REMOVED BOTH MAGS.
	COMP TEST: 80 PSI			RE-INST., RE-TIMED
	1) 74, 2) 75, 3) 60, 4) 75			HEAT SHROUDS WITH
				DRAINED OIL, RE-
				FILTER. SERVICED
				ENG. GROUND-RAN,
Total To Carry Forward				

and Remarks	Signature	Certificate No.
INSPECTION AS PER FAR 43 Appx. D.		
INSTALLED NEW IMPELLER KIT, P/N 05K19423-\$		
P/N 78528 PER AD 96-09-10, RE-INSTALLED		
ATTACHING PARTS WITH NEW GASKETS.		
DISASSEMBLED AND INSPECTED, RE-ASSEMBLED,		
TO 25° BTC. REP'L TOP AND BOTTOM CARB.		
REPAIRED SHROUDS BY A/C EX. SYS. W/O 39877A+B		
MOVED OIL FILTER, INSTALLED NEW		
ENG. W/ 8 QTS A/S 100.50W OIL. WASHED		
ALL OPERATIONS CKD. NORMAL		
Pudlakum A + P 2254027		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-23-94	Brought Forward →	(1) COMPRESSION AT 80 P.S.I. °		
TACH 2339.68		# 1 = (78) # 2 = (78) # 3 = (74) # 4 = (77)		
ENG TT 2339.68		(2) CHECK & REPLACE OIL FILTER &		
TSMD 346.49		LEAK CHECK (3) REPAIRED BROKEN "P" LEAD.		
		(4) RETIMED MAGNETS TO SPEC & OPS CK OK		
		(5) CK FW PRECISION AIR A.D. # 93-19-04 - W/O # 21387		
		(SE. FUEL SYS) INDICATES NO FLOAT REPLACEMENT AT CUMC		
		AT 07-02-92 (6) RETENSIONED ALTERNATOR BELT & STARTED		
		(7) CLEANED & GAPPED SPARK PLUGS		
Total To Carry Forward				

I certify that this ENG has been inspected accordance with an 100 hr inspection & was determined to be in an airworthy condition.
 Leigh A. Wax A & P-1380493
Leigh A. Wax

and Remarks	Signature	Certificate No.
12-1-94 Changed Oil And Filter Replaced 7 qts Oil And Filter		TACH-2369.68 HOURS 152.9 PVT Pilot 262-507764
7-20-95 PERFORMED 100HR INSP. CHANGED OIL & FILTER. CH45110 FILTER. 1 QTS A/B 50W.		
TACH-2396.2		
ENG TT-2396.2		COMP TEST: 1) 73, 2) 76, 3) 72, 4) 79 ODER
TSMD-403.01		80 PSI. CKD. ALL FLUID LINES. CKD CONTROLS.
		INSP. C/W AS PER FAR 43 APP. D. GROUND
		RUN ALL OPERATIONS checked NORMAL.
	Richard Cims	A & P 22540257

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	This Date	Since Major					
6/16/93	Brought Forward →	282.37		Performed A 100 hour inspection per FAR Appendix D and MANUFACTURERS MANUALS.			
	Tach 2275.56			RAW engine drained oil. Replaced FILTER (CH48110) & 7 quarts Mobil AV1 oil. Replaced #2 exhaust gasket & mounting studs. Repaired #2 Primer line end, Replaced crankshaft bore end plug due to oil seepage. RAW engine, No leaks noted, All Performance parameters normal. I certify that this engine was inspected in accordance with A 100 hour inspection and was found to be in Airworthy condition. Alan K. Endig, ATP 219847112			
Total To Carry Forward							

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
9 Sept-92	2214.64	221.55		Changed Oil & Filter
12-23-92				
Total To Carry Forward				

[illegible]

ENGINE LOG

43 19 04

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
9/5/91		80.8	20 72.89 20 44.35	Repaired Carb HERT.
		84.8	20 76.89 20 45.35	
9/19/91		89.26	20 81.35	Change Oil. Phillips
1/19/92		119.41	20 11.5	" " "
4/5/92		155.41	21 47.5	" " "
6/23/92		172.08	21 64.12	TACH TIME
		#1 74 #3 74 #2 72 #4 73		
I certify THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND IT TO BE IN AIRWORTHY CONDITION.				
Total To Carry Forward				

McDillings FA 126013524 A/P

and Remarks	Signature	Certificate No.
Manifold and Re Installed.	McDillings	126013524 A/P
20-50 WSC - 725 + FILTER		owner file
" " " " " " " " " "	J E Kachnowski	" "
" " " " " " " " " "	J E Kachnowski	" "
7-9/92 REMOVED BOTH MAGS FOR O/H, REMOVED CARB FOR O/H COMPONENTS NOT O/H WHEN ENGINE WAS O/H. MAGS O/H BY LIBERSKY AIRMARINE SERV. AND REINSTALLED AND TIMED TO 25°.		
CARB O/H BY SOUTHEAST FUEL SYS. AND REINSTALLED.		
WASHED ENGINE - REPAIRED EXHUST PIPES + CLAMPS.		
A/P 2254027 Richard Cox TACH 2201.04		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	1997.8 1997.8	2004.8	Major Done at 1992.8
4/15/91		2010.12	2004.8	CHANGED OIL - PHILLIPS
6/18/91		2020.52	2044.35	Changed oil - Phillips
8/20/91		TACH TIME 2072.89	SHAFT 100.8 80.8	
		1. COMPRESSION #1 $\frac{76}{80}$ #2 $\frac{76}{80}$ #3 $\frac{76}{80}$ #4 $\frac{76}{80}$		
		2. Lubed Bendix-Starter	GR. SHAFT-Packed Wheel BEARINGS	
		I CERTIFY THAT I HAVE INSPECTED THIS ENGINE		
		IN ACCORDANCE WITH AN ANNUAL INSPECTION		
		AND FOUND IT TO BE AIRWORTHY. <i>Red Angelo</i>		
				FAIRBOLD 13524 H-90
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Filter, 8 qts of Phillips Aviation oil			
	XC 20-50W. Installed new Silicone Rubber			
	Baffle Material on metal baffle. Overhauled			
	Engine in accordance with Lycoming			
	overhaul manual instructions. Break in			
	Run-up in accordance with ECI Recommendations			
	OK for TEST Flight. Airlog 126013524 149			
Total To Carry Forward				

[illegible]

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
12-1-90	Brought Forward →		1977.51	Reinstalled Propeller after overhaul by U. S. Propeller Service of Florida James R. McDonald ADP1432183
12-20-90				INSTALLED NEW FRONT CRANKSHAFT SEAL AND REINSTALLED PROP, TORQUED AND OIL FILLED, TRACK. ADP126013524 MP
1/29/91				TRAFFIC ENGINE REMOVED FROM Cheerokee PA-28-140 N5289S FOR MAJOR OVERHAUL. ADP126013524 MP
Total To Carry Forward				

and Remarks	Signature	Certificate No.
TACH TIME 1992.8 SMITH "O" 3/22/91 Completed engine overhaul 14 cylinder overhauled by Elmore Aircraft Engines Service Inc. with cermet chrome by Engine Components Inc.. Installed new standard pistons, Rings, Gaskets, STD. Connecting Rod and Main bearings, STD ply. STD 1211, Hoses, stretch belts and new Nuts, Installed new CamsHAFT, new Connecting Rod wrist pin bushings, Two new push Rods, All parts Crankcase checked. Crank- shaft cleaned and magnafluxed by Elliott Crankshaft. Inc. Lake Alfred. Crank followers repaired see yellow TAGS. For ^{Serviceable} REPAIRED ITEMS. New oil ^{chump} (Continued next page)		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
7-3-89	Brought Forward →	1861.41	1861.41	
	Removed Cyl #4 Sent out for Repair (see Tag)			
	Installed new Rings, Ex Guide, Ex Seat, welded Exhaust Cracks, Milled Ex Port, Ground Valves & Seats, & used Ex Valve Serviceable, Cleaned & Painted Engine - Complied with AD 78-09-07 R3-			
	Reinstalled Cyl #4 & Run checked O.K.			
	I certify that this Aircraft has been Inspected in accordance with an Annual Inspection & was determined to be in airworthy condition.			
Total To Carry Forward				

264661546

and Remarks	Signature	Certificate No.
2-19-90 TACH TIME 1918.65 REMOVED #2 CYLINDER. EXHAUST FLANGE RESURFACED AND STUDS REPLACED BY PORTER ENGINE SERVICE. (FEATHERHUS AIRPORT) REINSTALLED #2 CYLINDER USING NEW GASKETS & SEALS. CYLINDER #1+2 installed with new EXHAUST GASKETS. RUN UP GOOD.		
	Robert M. Brown	ADP 567 049021
8/10/90 TACH TIME 1949.95 SHOW 1949.95		
1. Compression #1 $\frac{75}{80}$ #3 $\frac{70}{80}$ #2 $\frac{70}{80}$ #4 $\frac{60}{80}$ Cold ck.		
2. changed oil & oil Filter #48110 7qts Aeroshell 100		
3. checked. Carburetor heat Box.		
I CERTIFY THAT I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH THE ANNUAL INSPECTION AND FOUND IT TO BE AIRWORTHY		
	Michael J. Brown	JA 126013524 ADP

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
13 May 88	Brought Forward →	1750.69	1750.69	
I certify that I have inspected this engine Found an annual 100 hr insp. & found it to be in an airworthy condition. Compr. #1-65, #2-68, #3-73, #4-70 Replaced oil filter Chert 8110, Changed oil avershell 100P. Kermit C. Tepper Apr 2012 2067A NOTE AD 78-09-07 R3 due 1761.6 hrs 100				
Total To Carry Forward				

I certify that I have inspected this engine
FOW an annual 100 hr insp. & found
it to be in an airworthy condition.
Comps. #1-65, #2-68, #3-73, #4-70
Replaced oil filter Chg #8/10, Changed oil
aeroshell 100P.

Kermit C. Tepper. Apr 2012 9067A

NOTE AD 78-09-07 R3 Doc 1761.6 RAS
10/1

Total To
Carry Forward

and Remarks	Signature	Certificate No.
Date 5-14-88		
TACH 1751.00		
Install all new spark plug in bottom position. Install new wires. Install new points left & right magnetos return to engine run up & operation and leak ch.	Robert B. B.	
	A & P 43696659	

Date 5-14-88

TACH 1751.00

Install all new spark plug
in bottom position. Install new wires.
Install new points left & right magnets
return to engine run up ck operation
and leak ck.  e.f. B

Rosa L. B. B.

A2P 436966259

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
11/1/83		1398.59	1398.59	I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH FAA INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION <u>Carl W. Kowig</u> AIP 924809770 100 hr
11-25-84		1554.40	1554.40	Removed alternator PN# 2642997 S/N# W12635 Installed Alternator PN# 2642997 S/N 1040497 Voltage and Amp Load test <u>Robert S. Bunnay</u> AIP 2238909
Total To Carry Forward				

and Remarks	Signature	Certificate No.
TACH:		
Dec 5 1984 1555.3		
Changed oil and oil Filter using		
Pearshell 50 wt oil, removed #3 cyl.		
Drilled out exhaust studs, replaced studs in		
#1 and #3 cyl., Re Installed cyl. installed		
new valve cover Gaskets all cyl.		
I certify that this Eng. has been inspected in accordance with a 100 hr inspection and was determined to be in Airworthy condition.		
<u>Ad P. Markleton</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
11/1/83		1398.59	1398.59	Changed oil, replaced air filter. Replaced prop, repositioned and tightened Prop bolts, plugs. REM 40E. Tighten Replaced defoasting hoses
11/1/83		1398.59	1398.59	SM repair to heater solenoid. Installed
Total To Carry Forward				

and Remarks	Signature	Certificate No.
CFD 100 oil filter. Serviced Amosell "W" 50. Replaced All rocker cover gaskets. Retuned both mags. Removed starter fly wheel for correct timing. Reinstalled and torqued. Replaced #1 and #2 exhaust gaskets. Installed new bottom Alternator belt and replaced belt. Reset vacuum to 4.7. Carl W Koenig A+P 434809770 shroud and lower cowl. Replaced nipples on starter terminal and spring lower #4 ign lead. E. J. Gatechian A+P 1204981		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
OCT. 1/1982	Brought Forward →			
	COMPRESSION CHECKED #1 66/80, #2 64/80			
	#3 71/80 #4 64/80. INSTALLED 4 NEW SPARK PLUGS			
	IN TOP POSITION ALL CYLS. INSTALLED BUSHING IN			
	MIXT CONTROL ARM AT CARB. INSTALL NEW HOSES			
	PIPER PART # 63901-72 FROM ENG TO OIL COOLER			
	LEFT MAG CHECKED FOR COMPLIANCE WITH			
	EMERGENCY AD 82-20-01 AND FOUND NOT			
	APPLICABLE AS MAG HAS OVER 300 HRS OPERATING			
	TIME. INSTALLED NEW CARB AIR FILTER, NEW			
	FLEX HOSE TO CARB AIR INLET. NEW HOSE TO			
Total To Carry Forward				

CONTINUED NEXT PAGE

and Remarks	Signature	Certificate No.
CARB HEAT MUFF, AND NEW COLD AIR DUCT TO MUFFLER.		
EXH SYSTEM & MUFFLER CHECKED. INSTALLED NEW EXH		
STACK TO #3 CYL. INSTALLED NEW OIL FILTER ELEMENT.		
COLD FILTER CHECKED FOR FOREIGN PARTICLES & FOUND		
OK. RETIMED LEFT MAG TO ENG. CLEANED FUEL		
FILTERS. ENGINE RUN UP & STATIC CHECKED. 2175		
ALL INST. READINGS NORMAL. MAG DROP. 100 RPM ON		
BOTH MAGS - TACH TIME		
Jach Time <u>1273:05</u> Total Time <u>1273:05</u>		
I certify that this aircraft has been inspected in		
accordance with a <u>100hr</u> inspection and was		
determined to be in Airworthy condition.		
Date <u>10/1/82</u>		
<u>R. Bradburn</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
#3 78/80 #4 76/80	COMPRESSION CHECK #1 78/80 #2 78/80			
Revised 11/3/80	COMPLIED WITH A.D. 78/09/05 AS			
#599	BY INSPECTION / AW Bendix Ser Bul.			
	IMPUlse COUPLING FOUND SERVICABLE / INSPECTION			
	DUE AGAIN AT 1761.6 hrs. Both MAG POINTS CHECKED			
	+ MAGS RETIMED TO ENG. OIL DRAINED + RESERVICED WITH			
	Shell W. GRADE 100 AV. OIL. INSTALLED NEW OIL FILTER.			
	OLD FILTER INSPECTED + NO CONTAMINATION NOTED. INSTALLED			
	NEW FUEL FILTER GASKET. MUFFLER + EXH STACKS			
	INSPECTED + FOUND AIRWORTHY + REINSTALLED USING NEW GASKETS.			
Total To Carry Forward				

CONTINUED NEXT PAGE

and Remarks	Signature	Certificate No.
All SPARK PLUGS CLEANED + REGAPPED. ENGINE CONTROLS		
CHECKED FOR CONDITION + OPERATION - ENGINE WASHED		
RUN UP + CHECKED FOR OPERATION. STATIC PPM 2225		
1261.6 Total Time	1261.6	
100 hr		
MAY 7 1981		
R. Z. Budnick		

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Brought Forward →				
Total To Carry Forward				

ENGINE

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

TAC Time 1029.9 TSMOH Eng 1029.9
Total Time 1029.9 Time flown last
Total Engine Time 1029.9 year 116.9

[Signature]
SAM ASKEW AIRCRAFT REPAIR
I/A 1728915

and Remarks	Signature	Certificate No.
Compression Check #1 78/80 #2 78/80 #3 75/80 #4 78/80 Installed New Gasket ON RT MAG. Checked MAG POINTS + MAG TIMING. INSPECTED MUFFLER & STACKS + INSTALLED ALL NEW ELK CASIMETS. INSPECTED FUEL SCREENS IN ELECT PUMP + FUEL SUMP. PRESSURIZED FUEL SYSTEM + CHECKED FOR LEAKS. ENGINE RUN UP + CHECKED FOR LEAKS. STATIC RPM 2200 Each Time <u>11.50</u> Total Time <u>11.50</u> I certify that this aircraft has been inspected in accordance with <u>100hr</u> inspection and was determined to be in Airworthy condition. Date <u>April 16, 1979</u> <u>R. F. Braddock</u> <u>IA1503570</u>		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
Jan 11 1977	I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.			
Total Time	913.0		Felix D. Nucumery	
Tack Time	913.0		I.A. AIP 1615280	
Time Since new	913.0			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
3/13/78 100 hr inspection - Comp #1- 72/80 ; #2- 65/80 #3- 73/80 , #4- 68/80 , retuned both mags, cleaned and gapped spark plugs, changed oil filter and cleaned screen. Replaced throttle control rod end per AD 77-23-03 Checked alternator brushes, checked + lubricated starter. Replaced exhaust gaskets, repaired cracked heater shroud (outer shroud) I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.	Robert B. Dietz	243543358
TACH TIME: 1029.9		
TOTAL TIME: 1029.9		
TOTAL TIME (AGED)		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
2/3/76	Installed new oil pump shaft 1AW, size 5/B 3850 (AD 75-08-09 Revised) Installed alternate air valve. Changed oil 8 qts 50W Aeroshell.			
			Robert B. Deaton	
			293543538	
			A+P	
3-30-76	CHANGED OIL CLEAN SCREEN, REPLACED FILTER ELEMENT, REPLACED HEAT SHROUD, & AIR FILTER & ALL EXHAUST BASKETS			
Total To Carry Forward				
			S.C.A.T. 100 HR inspection Completed This Date 3-30-76 and This ENGINE Was Determined To Be In Airworthy Condition. T.I. No 291801	
			T.S.O. 835.01 TACH.	
			SIGNED <u>Robert B. Deaton</u> A & P # 2142830	

and Remarks	Signature	Certificate No.
1/11/77 100 HR Inspection. Comp #1- ⁷³ / ₈₀ , #2- ⁷² / ₈₀ , #3- ⁷² / ₈₀ , #4- ⁶⁸ / ₈₀ Retuned both mags, replaced primer hose, replaced plugs with REM40E, replaced alternator belt, replaced intake hose on #2 cylinder, secured and safetied alternator bracket, checked alternator brushes, replaced starter brushes and undercut mica and polished armature, changed oil 8 qts 50W Aeroshell, lubricated controls, cleaned fuel bowl, changed oil filter, adjusted carb. best linkage. I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition.	Robert B. Deaton	243543538 A+P
TACH TIME: 913.0 T.S.N.: 913.0		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
10/30/75	TACH 670.63	TOTAL TIME 2753.63		
Compression #1 - $\frac{14}{80}$, #2 - $\frac{77}{80}$, #3 - $\frac{72}{80}$, #4 - $\frac{72}{80}$				
Cleaned and regapped spark plugs, retined mags, checked ignition leads, cleaned oil screens, changed oil filter and oil, 8 qts Aeroshell 50W, checked engine mounts, cleaned fuel screens and gasolator bowl. I certify this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition				
Total To Carry Forward			Robert Deaton	
			ADP 243543538	

and Remarks	Signature	Certificate No.
Oct 30, 1975 I certify that this engine was inspected in accordance with an annual inspection and was determined to be in an airworthy condition. check AD notes 75-22		
Total Time 2753.6	Felix D. Hurney	
Tach time 670.6	JA AIP 1615280	
Time on Eng 670.6		
S.C.A.T. 100 HIR inspection		
Completed This Date 1-13-76 and		
This ENGINE Was Determined To		
Be In Airworthy Condition. T.T. <u>2816.6</u>		
T.S.O. <u>ENG. 733.5</u> TACH		
SIGNED <u>Em. G. A & P # 2142830</u>		
		CHANGED OIL CHECKED MAINS SCREENS
		DRAIN CLEAN FUEL STRAINER
		REPLACED ALL 4 EXHAUST BASKETS
		REPLACE ALT BRUSHES, RESURFACE STARTER ARM, CLEAN CHECK PLUGS

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
S.C.A.T. <u>100</u> Hr inspection				
Completed This Date <u>3-10-75</u> and				
This <u>ENGINE</u> Was Determined To				
Be In Airworthy Condition. T.T. <u>453.53</u>				
T.S.O. <u>453.53</u>				
SIGNED <u>[Signature]</u> A & P # <u>2142830</u>				
CLEAN & <u>NEW</u> REMOUNT INTAKE				
DUCT LINE TO MECHANICAL FUEL PUMP. INSTALLED NEW PARK				
BRAKE LOCK MECHANISM. (COMPRESSION) <u>80</u> <u>80</u> <u>80</u> <u>80</u>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
3-10-75 COMPLIED WITH PIPER SERVICE BULLETIN # 448 COVERING MIXTURE & THROTTLE FREEDOM OF MOVEMENT. AND ADJUSTED SAME AS INSTRUCTED. R. [Signature] 2142830 ^{A.P.}		
S.C.A.T. <u>100</u> Hr inspection		
Completed This Date <u>5-28-75</u> and		
This <u>ENGINE</u> Was Determined To		
Be In Airworthy Condition. T.T. <u>552.23</u>		
T.S.O. <u>553.23</u>		
SIGNED <u>[Signature]</u> A & P # <u>2142830</u>		
REMOVE CHECK & CLEAN MAIN SCREEN, REPLACE FILTER ELEMENT, DRAIN CARB		
BOWL, CHECK MUFFE Baffles,		
CLEAN CHECK & GAP PLUGS,		
REPLACE CARB HOSE FLEX DUCT.		
COMPRESSION CHECK # 10 # 67 # 70 # 71		
1 80 2 80 3 80 4 80		
END		

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-1-74	Brought Forward →	210	210	CHANGE OIL & FILTER - CLEAN AIR FILTER - CLEAN BOWL PLUGS - Check OPA 175734
10-29-74		267	267	CHANGE OIL & FILTER - CLEAN PRIMARY SCREEN - CLEAN & GAP PLUGS - CHECK POINTS & TIMING - CLEAN AIR FILTER - DRAIN CARB BOWL - CHECK STARTER BRUSHES & COM. - CHECK AUT BELT TENSION - WASH DOWN ENG. DRESS PROP
	S.C.A.T. 100 HOUR inspection			
	Completed This Date 10-29-74 and			
	This ENGINE Was Determined To			
	Be In Airworthy Condition. T.T. 267			
	T.S.O. 267			
	SIGNED <u>JOHN R. WISE</u> A & P # <u>275734</u>			
Total To Carry Forward				

and Remarks	Signature	Certificate No.
5 DEC 1974 TACH 340.13, T.T. 2423.13 INSTALLED NEW VACUUM PUMP & ELEMENT FILTER 7/11 W 5159 CHECK RUN & RETURN TO SERVICE P. 2142830 2142830 W/O 000327		
S.C.A.T. 100 HR inspection	OIL CHANGED, FILTER REPLACED, OIL	
Completed This Date 12-19-74 and	SCREEN CHECKED.	
This ENGINE Was Determined To	COMPRESSION CHECKED:	W/O 000327
Be In Airworthy Condition. T.T. <u>267</u>		
T.S.O. 360.21	# 66 67 70 69	
SIGNED <u>P. 2142830</u> A & P # <u>2142830</u>	1 80 2 80 3 80 4 80	
	CLEAN & GAP PLUGS, CHECK POINTS & TIMING,	
	DRAIN CARB BOWL, CLEAN AIR FILTER	
	CHECK STARTER & ALT, CLEAN UP PROP.	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
24 JUL 74	Brought Forward →	105	105	CHANGE OIL - CHANGE OIL FILTER - <i>WAD 74-13-4</i> <i>BY INSTALLING THROTTLE CONTROL MOUNT 760-780 -</i> CLEAN POWER PLUGS - CLEAN AIR FILTER <i>J. H. (A) 75734</i>
Total To Carry Forward				

and Remarks	Signature	Certificate No.
27 AUG 74 CHANGE OIL - CHANGE FILTER - CHECK PRIMARY OIL SCREEN - CLEAN PLUGS - CHECK MAG POINTS & TIMING - CHECK MUFF UNDER SHROUD - CHECK STARTER BRUSHES & COMM. - CHECK ALT BELT TENSION - CLEAN AVR PUMP SCREEN - DRAIN CARB BOWL - BLOW OUT AIR FILTER - DRESS & PAINT PROP AS REQUIRED - LEAK CHECK 1 $\frac{79}{80}$ 2 $\frac{80}{80}$ 3 $\frac{78}{80}$ 4 $\frac{75}{80}$		
	S.C.A.T. <u>100 HOUR</u> inspection	
	Completed This Date <u>27 AUG 74</u> and	
	This <u>ENGINE</u> Was Determined To	
	Be In Airworthy Condition. T.T. <u>164</u>	
	T.S.O. <u>164</u>	
	SIGNED <u>JOHN R. WISE</u>	
	<u>A & E 275734</u>	

ENGINE LOG *ENG. S/N RL27608-27A*

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
3-28-74	Brought Forward →	0	0	(TOTAL AIRFRAME TIME 2083)
				ENGINE INSTALLED IN PIPER
				PA-28-140 S/N 28-26945 -
				N5289S - NEW ENG. MOUNT
				RUBBERS - ACCESSORIES PER
				LIST IN FRONT OF LOG & USING
				OHV VAC. PUMP - AWT. REWORKED
				W/NEW BRUSHES, & STATOR
				TOTAL AIRFRAME TIME 2083.
				NEW OIL COOLER LINES
				PER AD77-4-3(a)4 & (a)5
Total To Carry Forward				INSTALLED JOHN R. WISE A & E 2.5/34

and Remarks	Signature	Certificate No.
4-16-74 TACH-16 CHANGE OIL - INSTALL OIL QUICK DRAIN INSTALL THE FOLLOWING NEW NOSE ASSYS. W/NEW FIRE SHIELDS. 2EA 63901-12 / 1EA 63901-07 / 1EA 63901-14 JBK AP75T34		
5-5-74 TACH 62 CHANGE OIL - CHANGE FILTER - CLEAN SPARK PLUGS - CHECK POINTS & TIMING - INSP MUFF & STACK UNDER SHROUDS. DRAIN CARB. BOWL - BLOW OUT AIR FILTER CHECK STARTER BRUSHES - CHECK AWT. BOLT TENSION - LEAKAGE CHECK AS FOLLOWS 1- 72/180 2- 75/180 3- 78/180 4- 76/180 - LUGS ENG. CONTROLS - WASH DOWN ENG.	S.C.A.T. 100 HOUR inspection Completed This Date 6-5-74 and This ENGINE Was Determined To Be In Airworthy Condition. T.T. 62 T.S.O. 62 SIGNED JOHN R. WISE A & E 275734	

Form No. 776-D
REMANUFACTURED ZERO TIME ENGINE CERTIFICATE

This is to certify that the engine as described hereafter has been repaired as prescribed by AVCO Lycoming Specifications and Federal Aviation Regulations. All applicable Airworthiness Directives and factory Bulletins complied with at time of remanufacture.

Model 0-320-E2A Serial No. RL-27608-27A

Authorized representative R. L. Shipman Date 3-14-74
AVCO Lycoming Factory Service Department

AVCO LYCOMING DIVISION WILLIAMSPORT, PA. 17701

ENGINE DESCRIPTION

Manufacturer: AVCO LYCOMING Serial No. RL-27608-27A

Horsepower: _____

Model: 0-320-E2A FAA T. C. No. 274

Engine Accessories	AS OF INSTALLATION 3-28-74	Serial No.	Weight
CARB. - MA4SPA	REMAN	BL-0-959	
START. - MZ4204	REMAN	2G000118	
L/MAG - S4LN21	NEW	A191633	
R/MAG - S4LN204	REMAN	346214	
PLUGS - EM41E	NEW		
AIRFILTER - CA161PL	NEW		