



The Standard

ENGINE LOG

ASA-SE-1

The subject aircraft was involved in an incident / accident on 9/28/2025 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 6601587915US.

Signed: ***Underwriters Salvage Company***

Date: **11/4/2025**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100

YEAR: 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.)
1-11-23	TACH	+t15	3053.8	SMOHT 1203.8 changed oil + filter, suction screen + removed filter checked, 7qts 20-50 x/c, spark plugs cleaned, gapped + rotated, mag timing checked, gasolator + fuel pump screens checked, carb bowl drained, Comp. #1 72/80 #2 76/80 #3 70/80 #4 75/80 I certify this eng/prop has been inspected IAW an annual insp per FAR 43 app D and found airworthy this date - E/J/214 3336539
1-7-23	TACH	+t15	3149.8	SMOHT 1299.8 changed oil + filter, suction screen + removed filter checked. 7qts 20-50 x/c replaced #1 intake gasket, spark plugs cleaned, gapped + rotated, mag timing checked, gasolator + fuel pump screens checked, carb

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				bowl drained, Comp. #1 74/80 #2 76/80 #3 73/80 #4 80/80, I certify this eng/prop has been inspected IAW an annual insp per FAR 43 app. D and found airworthy this date, E/J/214 3336539
1-13-23	TACH		3211.1	changed oil + filter, removed filter + suction screen checked, 7qts 20-50 x/c. E/J/214 3336539
1-22-24	TACH	+t15	3250.1	SMOHT 1400.1 changed oil + filter, suction screen + removed filter checked, 7qts 20-50 x/c, spark plugs cleaned, gapped + rotated, mag timing checked, air filter element replaced, carb bowl drained, fuel pump + gasolator screens checked, Comp #1 76/80 #2 74/80 #3 74/80 #4 74/80, I certify this eng/prop has

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				Comp. #1 70/80 #2 74/80 #3 74/80 #4 75/80 I certify this eng/prop has been inspected IAW an annual inspection FAR 43 app. D and found airworthy this date. Ed/P 1A 3336539.
10-29-20	TACH	TIS	2932.88	SMOH 1082.88 Right Magneto S# 887458. Bendix part 10-51360-29 Removed & Replaced with Kelly Aerospace Enggng Systems OVERHAULED MAGNETO 10-51360-29 serial # I-09289. Left magneto pulled & checked for correct 'E' gap and checked Impulse coupling per MSB 645. Both magnetos installed on Engine with new gaskets & timed to Engine as per data plate 25° BTC. Aircraft test run and found OK this date. Lyle D. Pff IA 3320516.

YEAR: 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.)
12-4-20	TACH 2938.74	TIS 2938.74	SMOH 1088.74	Changed oil & filter. Suction screen & filter checked. 8 qts 20/50 Phillips XC added. Spark plugs cleaned, gapped, & rotated. Mag timing checked. Gascolator & fuel pump screens checked. Gascolator gasket replaced. Carb bowl drained. Compression #1 72/80 #2 76/80 #3 68/80 #4 76/80. Heat muff removed, muffler/Exhaust checked for cracks, OK this date. I certify this Engine/prop has been inspected IAW a 100 HR/Annual inspection per FAR 43 app. D and prep for Annual. Annual noted AIRFRAME. Lyle D. Pff 3320516 A&P IA
12-4-20	tach 2938.74	tis. 2938.74	smoh 1088.74	I certify this eng/prop has been inspected IAW an annual insp per FAR 43 app. D and found airworthy this date. Ed/P 1A 3336539

YEAR: 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.)
8-11-17	TACH + t15		2765.85	SMOH 915.85 changed oil + filter suction screen + removed filter checked. Tach 20-50 x/c, spark plugs cleaned + gapped + rotated, mag timing checked, gasolator + fuel pump screens checked, carb bowl drained, starter drive end/mount frame replaced w/ good serviceable part due to fabrication issue causing gear mesh issues, ops checked good, Comp #1 73/80 #2 73/80 #3 74/80 #4 78/80. I certify this eng/prop has been inspected 14w on annual insp per FAR 43 app. D and found airworthy this date. Ed/12 1A 3336539.
9-11-18	TACH + t15		2789.24	SMOH 939.24 changed oil + filter, suction screen + removed filter checked. Tach 20-50 x/c, oil fill tube secured + locked, spark plugs cleaned, gap checked + rotated, mag timing checked, carb

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				bowl drain, carb inlet, fuel pump + gasolator screens checked, Comp #1 75/80 #2 77/80 #3 74/80 #4 77/80. I certify this eng/prop has been inspected 14w on annual insp per FAR 43 app. D and found airworthy this date. Ed/12 1A 3336539.
11-8-19	TACH + t15		2860.6	SMOH 1010.6 C/W AD 98-02-08(c) crankshaft inner bore insp per MSB 505B. next due 11-2024, alternator A terminal capacitor ring terminal replaced + secured, changed oil + filter removed. Filter + suction screen checked OK. Tach 20-50 x/c, mag timing set 25° BTDC, spark plugs cleaned, gapped + rotated, air filter element replaced, gasolator + fuel pump screens checked, carb bowl drain, replaced gasolator bail w/ new,

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7-22-14	TACH 2740.62			AD 98-02-08 (c) crankshaft bore insp. c/w pr. msb 505B. no corrosion or fitting notes. next due 7-2017. Ed/12 14 3336539
7-23-15	TACH 2741.3			starter ring gear replaced by Premier H/c w/new 72565 starter drive replaced w/new EBB131A, #2 lower spark plug cleaned, starting + rump checked OK. Ed/12 14 3336539
7-22-15	TACH + 15. 2743.23			SMOH 893.23, oil cooler hoses removed + inspected. firesleeve installed upgrading hose fire rating to type C, re-installed both hoses, spark plugs cleaned, gapped + rotated, mag timing checked, air filter element checked, gascolator checked, carb bowl drained, Comp #1 7/80

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#2 7/80 #3 75/80 #4 77/80				I certify this eng/prop has been inspected 14w an annual insp per FAR 43 app. P and found airworthy this date Ed/12 14 3336539
7-21-16	TACH + 15 2752.88			SMOH 902.88 changed oil + filter, suction screen + removed filter checked, 89 to 20-50 x/c, spark plugs cleaned, gapped + rotated, mag timing checked, gascolator + fuel pump screens checked, carb bowl drained, Comp. #1 95/80 #2 77/80 #3 74/80 #4 74/80 I certify this eng/prop has been inspected 14w an annual insp per FAR 43 app. P and found airworthy this date Ed/12 14 3336539.

YEAR: _____ 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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7-19-12 TACH 2728.4 t/s. 2728.4 smoth 878.4 Prop 50H 1686.9 changed oil + filter, suction screen + removed filter checked, 8 qts Phillips 20-50 x/c, mag timing checked, spark plugs cleaned, gapped + rotated, carb bowl drained, gascolator, fuel pump + carb inlet screens checked, prop dressed, comp #1 78/80 #2 76/80 #3 76/80 #4 78/80 I certify this eng/prop has been inspected IAW an annual insp. per FAR 43 app. D and found airworthy this date. E/J B 1A3336539. W/6 9472

7-11-13 TACH 2735.9 t/s. 2735.9 smoth 885.9 changed oil + filter, suction screen + filter checked OK, 8 qts Phillips 20-50 x/c, AD 95-26-13 (X1) oil cooler hoses visually checked OK, alternator mount bolts torqued, spark plugs pulled, cleaned, gap checked + installed, mag timing checked, gascolator, fuel

YEAR: _____ 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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pump + carb inlet screens checked, carb bowl drained, Comp #1 77/80 #2 76/80 #3 76/80 #4 78/80. I certify this eng/prop has been inspected IAW an annual insp. per FAR 43 app. D + found airworthy this date. E/J B 1A3336539.

7-18-13 Prop t/s unknown smoth 1694.4 blades dressed, annual see above. E/J B 1A3336539.

7-22-14 TACH + t/s. 2740.62 EN16 smoth 890.62 Prop smoth 1699.12. changed oil + filter, suction screen + removed filter checked, 8 qts 20-50 x/c, idle speed + mixture adjusted, prop blades dressed, spark plugs cleaned + checked, mag timing checked, gascolator + fuel pump screens checked, carb bowl drained, Comp #1 76/80 #2 76/80 #3 74/80 #4 76/80. I certify this eng/prop has been inspected IAW an annual insp. per FAR 43 app. D and found airworthy this date. E/J B 1A3336539.

YEAR:	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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ENGINE LOGBOOK ENTRY

DATE: 04/07/2011
TACH: 2713.8
TTE:
SMOH:

REG #: N8322W
TYPE: PA-28



R&R starter with new starter part # MZ4222. Replace Engine primer Orings with new part # M83248-1-012. Ops check OK. Charge battery.

Authorized Signature: Shenan Wilson A/P 3022484 JA w/o# 11-4393
Wenatchee Jet Center, Inc.

ENGINE LOGBOOK ENTRY

YE.
DA

DATE: 06/30/2011
TACH: 2718.1
TTE: 2718.1
SMOH: 868.1

REG #: N8322W
TYPE: PA-28 180



Drain engine oil. Remove filter cut open and examine contents. Install new CH48110-1 filter and service with 8 qts A/S 15W50. Run up and leak check OK. Perform compression check as follows: #1 78/80 #2 77/80 #3 76/80 #4 79/80. Check magneto to engine timing @ 25° BTDC. Lube all engine controls. Check fuel screens.

I certify that this engine has been inspected IAW an Annual Inspection per FAR 43 appendix d and has been found to be in an Airworthy Condition.

Authorized Signature: Shenan Wilson A/P 3022484 JA w/o# 11-4417
Wenatchee Jet Center, Inc.

Engine Record General Information

Manufacturer Lycoming Model O 360 A 3A

Serial L 8177-3BA Type Certificate _____

This engine is currently installed in aircraft N 8322W

Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

ENGINE LOG



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

OVERHAUL

ENGINE OVERHAUL

TOP—MAJOR (Cross out one)

Eng. Serial No.
Ship N C
Date

NEW MATERIAL USED

6/4/09 2705.48 TACH & TTE 855.48 TSMOH
ANNUAL INSPECTION COMPLETED THIS DATE. WORK PERFORMED BEYOND SCOPE OF INSPECTION: REMOVED & REINSTALLED PROP, CRANKSHAFT FRONT PLUG TO COMPLY WITH AD 98-02-08 (INSPECTION), DRAINED OIL CUT FILTER & CHECKED SCREEN (OK; NO METAL FOUND). REFILLED SYSTEM WITH 8 QTS AEROSHELL 15W50. RUN-UP & LEAK CHECK OK. SEE AD LIST FOR COMPLIANCE.

I certify this ENGINE has been
Inspected I A W a AN ANNUAL
Inspection and have determined it to be
in AIRWORTHY condition.



Labor & Material Certified by
Licensed Mechanic

No.

Address Where Overhaul Performed

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REMARKS

7/14/10 2708.21 Tach 100 hr Inspection completed this date. Work performed beyond the scope of Piper Inspection Report 230 207 & Drained oil cut Filter OK (No Metal) replenished with 8 qts 15W50 AeroShell. See AD List For Compliance Status

I certify this Engine has been
Inspected I A W a 100 Hr
Inspection and have determined it to be
in Airworthy condition.



CENTRAL AIRCRAFT REPAIR

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

OVERHAUL

ENGINE OVERHAUL

 Eng. Serial No.
 Ship N C
 Date

TOP—MAJOR (Cross out one)

NEW MATERIAL USED

12/1/06 2688-44 TACH 838-44 TSMOA
 100HR/ANNUAL INSPECTION COMPLETED THIS DATE. WORK PERFORMED BEYOND
 SCOPE OF INSPECTION: FAB, TESTED & INSTALLED NEW OIL COOLER HOSES;
 DRAINED OIL, CUT FILTER & CHECKED SCREEN (OK; NO METAL FOUND).
 REFILLED SYSTEM WITH 8 QTS AEROSHELL 15W50. RUN-UP, OP & LEAK CHECK
 OK. SEE AD LIST FOR COMPLIANCE.

I certify this ENGINE & PROP has been
 Inspected I A W an ANNUAL
 Inspection and have determined it to be
 in AIRWORTHY condition.


 262549947981A
 CENTRAL AIRCRAFT REPAIR
 CHEHALIS WA

Labor & Material Certified by
 Licensed Mechanic

No.

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REMARKS

3/27/08 2699-3 TACH 849-30 TSMOA
 ANNUAL INSPECTION COMPLETED THIS DATE WORK PERFORMED BEYOND
 SCOPE OF INSPECTION: INSTALLED OVERHAUL
 ALTERNATOR ASSY P/N 3656624, S/N A 59392. DRAINED OIL, CUT
 FILTER & CHECKED SCREEN (OK; NO METAL FOUND). REFILLED SYS-
 TEM WITH 8 QTS AEROSHELL 15W50. RUN-UP, OP & LEAK-
 CHECK OK. SEE AD LIST FOR COMPLIANCE.

I certify this ENGINE & PROP has been
 Inspected I A W an ANNUAL
 Inspection and have determined it to be
 in AIRWORTHY condition.


 262549947981A
 CENTRAL AIRCRAFT REPAIR
 CHEHALIS WA

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OVERHAUL

ENGINE OVERHAUL

TOP—MAJOR (Cross out one)

Eng. Serial No.
Ship N C
Date

NEW MATERIAL USED

8/26/04 2641.7 TACH 791.4 TSMOH
100HR/ANNUAL INSPECTION COMPLETED THIS DATE. WORK PERFORMED BEYOND
SCOPE OF INSPECTION: DRAINED OIL, CUT FILTER & CHECKED SCREEN (OK;
NO METAL FOUND). REFILLED SYSTEM WITH 8 QTS AEROSHELL 15W50.
RUN-UP, LEAK & OP CHECK OK. I CERTIFY THAT THIS ENGINE HAS
BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS FOUND TO BE
IN AIRWORTHY CONDITION. SEE AD LIST FOR COMPLIANCE.

My Van AR51994798 JA

Labor & Material Certified by No. Address Where Overhaul Performed
Licensed Mechanic

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REMARKS

10/17/05 2666.44 TACH 816.44 TSMOH
100 hr inspection completed this Date. Work performed
Beyond Scope of inspection: Drained oil, cut filter &
checked Screen (OK no metal found). Refilled System
with 8 qts AEROSHELL 15W50. Replaced cyl #2 & #4
valve cover gaskets, Replaced cabin heat seat tube.
Replaced cracked starting nose housing PN MZ1390
Replaced aft Exhaust muffler PN C6894-03. Run-up
Leak & OP Check good. SEE AD LIST FOR COMPLIANCE.

I certify this Engine has been ~~INSPECTED~~
Inspected IAW a 100W ~~100W~~
Inspection and have determined it to be in Airworthy condition.
Inspected IAW a 100W

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OVERHAUL

ENGINE OVERHAUL

TOP—MAJOR (Cross out one)

Eng. Serial No.

Ship N C

Date

NEW MATERIAL USED

8/1/02 2590.12 TACH 740.05 TSMOH

100 HR INSPECTION COMPLETED THIS DATE. WORK PERFORMED BEYOND SCOPE OF INSPECTION: TIGHTENED & SAFETIED OIL FILLER; REMOVED #3 EX. STACK, REINSTALLED AFTER WELD REPAIR; REMOVED 1/4 MAG, PERFORMED 500 HR SERVICE (DIST. BLOCK TREATMENT, INSPECTION), INSTALLED NEW BREAKER ASSY, IMPULSE COUPLING SPRING, MEASURED IMPULSE COUPLING PER AD 96-12-07: $C_L = .010 + .007$ (NEXT DUE @ 3090 TACH); RESAFETIED ALTERNATOR MOUNTING-HARWARE, RELOCATED & CLAMPED MAN. PRESS LINE; DRAINED OIL, CHECKED SCREEN & CUT FILTER (OK; NO METAL FOUND). REFILLED SYSTEM WITH 8 QTS AEROSHEK 15W50. RUN-UP, LEAK-~~NO~~PS CHECK OK. I CERTIFY THAT THIS ENGINE

Labor & Material Certified by

Licensed Mechanic

No.

Address Where Overhaul Performed

CONT'D →

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

REMARKS

8/1/02 2590.12 TACH CONT'D // ... HAS BEEN INSPECTED I.A.W. A 100 HR INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. SEE AD LIST FOR COMPLIANCE. *Am* *Van* A&P 549947985

8/21/03 2615.7 TACH 765.7 TSMOH

100 HR ANNUAL INSPECTION COMPLETED THIS DATE. WORK PERFORMED BEYOND SCOPE OF INSPECTION: REMOVED 1/4 MAG., REPAIRED/TREATED PER 500 HR SCHEDULE; REINSTALLED MAG, TIMED BOTH 1/4 & 1/4 MAG TO ENG; DRAINED OIL, CUT FILTER ~~AND~~ CHECKED SCREEN (OK; NO METAL FOUND). REFILLED SYSTEM WITH 8 QTS AEROSHEK 15W50. RUN-UP, OIL & LEAK-CHECK OK. I CERTIFY THAT THIS ENG. HAS BEEN INSPECTED I.A.W. A 100 HR INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. SEE AD LIST FOR COMPLIANCE. *Am* *Van* A&P 549947985

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

CHECK

ENGINE CHECK REPORT

Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time					
Fuel Systems, lines gascolator and carburetor					
Lubrication system, oil tank, lines, strainers and pump					
Cooling system, cowling, Baffles, lines and fittings					
Valves, push rods and rocker arms					
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment					
Oil changed answer Yes or No					
Certified by					
E License No.					
Address					

I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A W AN 9/1/00
 INSPECTION HAS BEEN DETERMINED TO BE AIRWORTHY.
 TACH TIME 2442.27
 DATE 5/2/2000
 I.T. 592.2 SMOOT
 SIG. D. J. Welbourn AP 1062920

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Engine Serial

ENGINE CHECK REPORT

CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	2493.45 Tach	oil Drained	oil Filter removed		
Fuel Systems, lines gascolator and carburetor	and ✓ OK	Fuel pump cleaned	bottom plugs cleaned		
Lubrication system, oil tank, lines, strainers and pump	installed new CH48110	oil filter	Added 8qt 15W50		
Cooling system, cowling, Baffles, lines and fittings	oil eng cleaned	run up	and leak ✓ good		
Valves, push rods and rocker arms	09/05/00	Mat R	AP 537093201		
Ignition, wires, plugs, points and shielding	6-22-01	2542.88 Tach	100 hr Inspection completed		
Engine manifold and motor mount, bolts and nuts	692.81 TSOH	This date	Work performed beyond		
Propeller Condition & Alignment			scope of Insp: Drained oil & F. Net OK		
Oil changed answer Yes or No			no Mobil Replaced with 8qts 15W50 Aerosol		
Certified by			See AD Log For Compliance Status		
E License No.			I certify I have inspected this engine IAA		
Address			a 100 hr inspection & determined to be in		
			Proper condition after 3374008		

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CHECK

ENGINE CHECK REPORT

Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time					
Fuel Systems, lines gascolator and carburetor	Feb. 29, 2000	N8322W		Tach Time: 2347.2	
Lubrication system, oil tank, lines, strainers and pump	Remove starter and install overhauled unit from Arizona Aircraft Accessories, model # MZ 4222R, s/n 4N000330, see 8130-3 form.				
Cooling system, cowling, Baffles, lines and fittings	Remove LH magneto and complied with AD 96-12-07 by inspecting impulse coupling as per para (b)(2) with "X" values of .036 and .039. Found internal timing of LH mag incorrect, retimed internal timing, installed mag and set mag-to-engine timing. Test run engine for operational check - ok.				
Valves, push rods and rocker arms	Trilogy Aviation Payson, AZ. <i>[Signature]</i> A&P431272074IA				
Ignition, wires, plugs, points and shielding					
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment					
Oil changed answer Yes or No					
Certified by					
E License No.					
Address					

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1930.

Engine Serial

ENGINE CHECK REPORT

CHECK

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	Tach 2442.27				
Fuel Systems, lines gascolator and carburetor	5/1/2000				
Lubrication system, oil tank, lines, strainers and pump	100 hr. INSPECT C/W USING PIPER				
Cooling system, cowling, Baffles, lines and fittings	7mm C/K LIST 95 guide FOR 9N X491				
Valves, push rods and rocker arms	COMPRESSION AS FOLLOWS #1 75% #2 75% #3 80% #4 75%				
Ignition, wires, plugs, points and shielding	TIMING C/KD OIL FILTER C/KD FOR				
Engine manifold and motor mount, bolts and nuts	Metal. NEW FILTER INSTALLED				
Propeller Condition & Alignment	MUFFLER C/KD FOR CRACKS AIR FILTER				
Oil changed answer Yes or No	REPLACED				
Certified by	I CERTIFY THIS HAS BEEN INSPECTED I/A/W AN INSPECTION HAS BEEN DETERMINED TO BE				
E License No.	NEXT PAGE AIRWORTHY				
Address	TACH TIME				
	DATE				

Engine Serial

OPERATION PERFORMED	Date Checked	Date Checked	Date Checked	Date Checked	Date Checked
Total Engine Time	8/10/99	TACH	2253.3		
Fuel Systems, lines gascolator and carburetor	R/R	STARTER	FUNCTIONAL		
Lubrication system, oil tank, lines, strainers and pump	C/K'D	OK			
Cooling system, cowlings, Baffles, lines and fittings				D.E. Walkemeyer	
Valves, push rods and rocker arms	P/N	MZ4222		AP	9062920
Ignition, wires, plugs, points and shielding	S/K	A-143654			
Engine manifold and motor mount, bolts and nuts					
Propeller Condition & Alignment	CHANGED OIL	& FILTER			
Oil changed answer Yes or No	9/13/99	TACH	2267.3	R/R	VACUUM
				PUMP & GEAR LOCK	SCAL FOR DRIVE
Certified by				D.E. Walkemeyer	
E License No.				AP	1062920
Address					

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Engine Serial

ENGINE CHECK REPORT

CHECK

OPERATION PERFORMED	Date	Date	Date	Date	Date
	Checked	Checked	Checked	Checked	Checked
Total					
Fuel S and c					
Lubric lines, s					
Coolin Baffles					
Valves and ro					
Ignitio and sh					
Engine mount					
Propel Condit					
Oil ch ansy					
CHANDLER AIR SERVICE 1675 E. RYAN RD CHANDLER AZ., 85249 DATE 10/11/99 TACH 2289.78 1) DRAINED OIL, REMOVED OIL FILTER, INSPECTED, AND INSTALLED NEW FILTER, P/N CH48110 AND SERVICED WITH 8 QTS. AS15/50 . 2) REMOVED AND REPLACED ALL 8 SPARK PLUGS WITH NEW REM 38E PLUGS. 3) LEAK CHECKED WITH NO LEAKS NOTED AT THIS TIME <i>Thomas R Adams Sr. AEP 526136329</i>					
Certified by	<i>1/4/2000</i>	<i>Tach. 2335.30</i>	<i>Changed oil & filter</i>		
E License No.		<i>Put wire Plugs & New HARNESSes in</i>			
Address		<i>Chandler, AZ 85249</i>			

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NC

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REMARKS

SIGNATURE

5/15/99 TACH 2223.5
100 hr. INSPECTION C/W USING PIPER MM CK
LIST AS GUIDE FOR Q/N N/A 2. COMPRESSION
CKD AS FOLLOWS #1 ~~78~~ #2 ~~78~~ #3 ~~78~~ #4 ~~78~~
FILTER CKD FOR METAL. NEW FILTER INSTALLED
PLUGS CLEANED & GAPPED. FORWARD MUFFLER
REPLACED. TIMING CKD

I CERTIFY THIS ENGINE HAS
BEEN INSPECTED I/A/W AN AN/1491
INSPECTION HAS BEEN DETERMINED TO BE
AIRWORTHY.

TACH TIME 2223.5
DATE May 14 - 1999
T.T. 2223.5 373.5 SMOTH
SIG DE Walchmeyer AP TA1062920

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

N C

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1928, punishable by Civil Penalties.

Scott K. Kenney

4/29/98 ~~MAH~~ I certify that this Engle's Prop has been
2/19/04 inspected in accordance with a 100 hr for annual inspection
inspection and was found to be in air Approved
worthy condition. Alton T. Kingsbury Jr.
Alton T. Kingsbury Jr. A & P 2150147

N C

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH A *Engine* *AW*
Answer INSPECTION AND WAS
DETERMINED TO BE AIRWORTHY.

ENGINE LOG

SIGNATURE

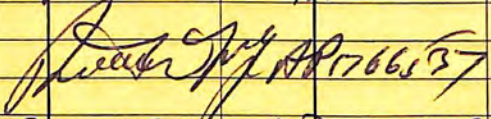
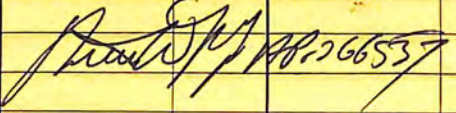
REMARKS

4-18-97 TNAU 2020.8 RIFMOUR DEFECTIVE
STARTER INSIDE OVERHAULS SPARK
PART # M74222 ECU SER# A118391
OPERATIONAL CHECK OK

Handwritten: $\frac{1}{2} \times \frac{1}{2} = \frac{1}{4}$

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year									
Mo.	Day	Ground	Air						
9-6	95	TACH TIME	1913.1	DRAINED OIL	REPLACED OIL				
		FILTER SERVICE ENGINE	DATA 8 QTS AEROSOL						
		15-W-50 OIL	CLEANED AND PAINTED PROPELLER						
		ARTICLE	STANDING LEADING RODS. & REMOVING ALL						
		CHIPPED PAINT	FROM PROPELLER BACK.						
									
2-15	96	TACH TIME	1933.2	DRAINED OIL	DISSASSEMBLED				
		OIL SCREEN	NO EVIDENCE OF MAINT SERVICE						
		ENGINE	DATA 8 QTS AEROSOL						
		18-W-50	REPLACED FUEL TO OIL COOLER LOWER						
		LOWER TRST	RUN OK						
									
TOTAL TIME									

NOTICE: Making false entries in this book is a violation of the Civil Agreement! A-4-4 1000

ENGINE LOG

REMARKS	SIGNATURE
4-1-96 TRUL TIME 1943.2 CHA CHAN COMPRESSION form 1943.2 #1 79 #2 78 #3 79 #4 77 CYLINDERS Ad TSMOT 93.2 TESTED OVER 80 PSI REPLACED OIL COOLER FWD FITTING TO BOSTON OIL COOLER LINK COUPLERS W/IT AND NOTE 9526-13 (OIL COOLER LINKS) TIGHTENING LOOSE ON DRAW TORRES, TSMOT CLAPS ON MSP. LINK, CLEAN ENGINE, AND COUPLER I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>N</u> <u>ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE AIRWORTHY.	<i>[Signature]</i>

violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Engine Serial

NC 108332W.....

Date		R. P. M.		Ground Time		Air Time		Total Time	
				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Year ...	Mo. Day	Ground	Air						
DATE	3-1-95								
FACH READ 1850.0				Annual		INSPECTION		NE+ENG TT = 1850.0	
COMPLETED ON THIS DATE, I CERTIFY THAT THIS ENGINE, AND PRO						ENG SMOH =		0	
WELLER ASSY. HAVE BEEN INSPECTED IN ACCORDANCE WITH A									
Annual				INSPECTION AND DETERMINED TO BE IN AN					
AIRWORTHY CONDITION.				Oil serviced with AS 50 WD					
C/w AD 78-09-07 (eff 1-17-83) by replacing impulse coupling									
Due again in 500 hrs TT 2350									
C/w AD 91-14-22 (eff 4-18-91) by complying with Lp SB 475 B									
Due at each OH, prop stroke, sustainer stoppage or when ever gear									
train repair is required.									
Mark A Losee AI 1707329									
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

April 27, 1995

Lycoming O-360 A3A S/N L-8177-36A

Researched engine overhaul records and determined this engine has Lycoming P/N 74644 connecting rod bolts. AD 95-07-01 effective 4-12-95 does not apply.

Mark A Losee

Mark A Losee
AP1707329

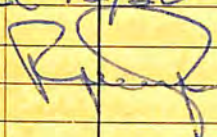
NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year	Mo. Day		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
		Ground	Air					
March 1, 1995		Feb	1850.0	AF+Eng	TT = 1850.0		SMOH = 0.0	
Major overhaul of the engine was completed this date as follows:								
The engine was removed from the airplane, disassembled and all parts cleaned and visually and dimensionally inspected.								
The crankcase was replaced for a crankcase, serial no. 383, recommended by Diver's Inc. FAA repair station # DBZK762K, of Tulsa, Ok. See yellow tag dated 2-21-95.								
The crankshaft was replaced with a p/n 7466 crankshaft recommended by Aircraft Specialists Services, FAA repair station # DDZK764K, of Tulsa Ok. See yellow tag dated 11-2-93.								
The crankshaft, connecting rods, pistons & shafts, rocker arms and all other gears were magna fluxed and recommissioned by Precision Power, FAA repair station # QD5R141N of SCC, Wt.								
The crankshaft gear was modified and installed on the crankshaft as per SB 475B (AD 91-14-22). See yellow tag dated 1-9-95.								
TOTAL TIME			1-9-95					
			NEXT PAGE					

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

REMARKS	SIGNATURE
All four cylinders including valves, springs, pistons, rings and piston pins were replaced with new pin OS-K 21104 Lap. cylinder assembly kits.	
The engine was assembled with new main + rod bearings, new con rod bolts, nuts, new con bolts, new oil filter holder, new oil pump gears, new one piece oil pump housing, new fuel pump, new rocker shafts, new spark plugs, new alternator belt, new fuel & oil hoses, and new seals, O-rings and gaskets as per the Lap. overhaul manual service letters, instructions & bulletins.	
Both mags were overhauled with new points, condensers, brushes, oil filter, bearings as necessary, oil seals & shims. The LH impulse coupling was replaced. The carb. was overhauled with new carburetor set, metal float, jet, new accelerator pump, new needle valve & seat & new idle jet tube assembly.	
The engine was installed and test run satisfactory.	
Work done by RP 1707329	

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

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
9-4-94		TACH READS 1843.43							
		CHANGED OIL AND FILTER							
		7 QTS AEROSHELL 15/50							
		FILTER							
									
		PROT							
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
Annual	
12-8-94 Tach reads 1849.58 Total time AF+ENG = 1849.58	
Inspected with AD 94-01-03 R1 (off 9-2-94) by inspecting the coils & rotors in both mags and replacing both coils. Both rotors were OK - stamped mags per TCN SB # MSB 644	
Oil serviced with RS 15-50 and filter replaced - Compression #1 7 ¹ / ₅₀ #2 7 ⁵ / ₅₀ #3 7 ⁶ / ₅₀ #4 7 ³ / ₅₀	
Forward muffler removed for repair by S.B. Industries	
FAR CRS QESR142N - and reinstalled with new no-flow gaskets - Oil seal was replaced in RH mag. - While the exhaust system was removed it was noticed that this engine still has 7/16" diameter exhaust valve stems.	
I recommend the engine be major or top overhauled as soon as practical due to engine time. I certify this engine & prop have been inspected in accordance with annual inspection as per FAR Part 43 appendix D and found to be in an airworthy condition	
and found to be in an airworthy condition	

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

Engine Serial

N C

Date		R. P. M.	Ground Time		Air Time		Total Time	
Year	Mo.		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
93								
Mo.	Day	Ground	Air					
1-11		Tach 1740.99						
Charged oil and oil filter 7qts A/S 15W-50 Cleaned fuel strainer bowl and screen, replaced air inlet filter, check magnets to engine, timing cleaned, gapped spark plugs, inspected exhaust muffler and heater shroud, Engine compression as follows #1 70/80 #2 74/80 #3 75/80 #4 70/80.								
DATE 1-6-93		TACH READS 1740.99		INSPECTION				
COMPLETED ON THIS DATE, I CERTIFY THAT THIS ENGINE, AND PUMP PELLER ASSY, HAVE BEEN INSPECTED IN ACCORDANCE WITH A 100-hr. INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.								
[Signature] AFS 29689652 IB								
TOTAL TIME								

NOTICE:—Making false entries in this book is a violation of the Civil Air Regulations, 14 CFR 1.11.

ENGINE LOG

REMARKS	SIGNATURE
8-21-93 TACH READS 1788.46	
CHANGED OIL & FILTER - 7QTS AEROSHELL 15/50W	
CHAMPION 48110 FILTER	
CLEANED & ROTATED SPARK PLUGS	
	[Signature] PILOT
DATE Jan 24, 1994 TACH READS 1796.16 Annual	TTAF+Eng = 1796.16
COMPLETED ON THIS DATE, I CERTIFY THAT THIS ENGINE, AND PUMP PELLER ASSY, HAVE BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION.	
Replaced points + condenser in LH mag Mark & Love AI 1701329	

NC

NOTICE:—Making false entries in this book is a violation of the Civil Rights Act of 1964.

REMARKS

SIGNATURE

8-13-9.2 TACH = 1690.87

CHANGED SPARK PLUGS. INSTALLED 8 NEW CHAMPION
REM38E PLUGS. LAUNDRY RUN OKAY.

Refugee - PILOT

9-16-92 TACH READS 1705-87

CHANGED ENGINE OIL & ~~FILTER~~ SERVICED W/ TQTS
AEROSHELL 15/50 OIL & A 48110 CHAMPION FILTER

Kepler - Pilot

N C

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

SIGNATURE _____

01/10/92 1588.44 Tach. Completed a 100hr. Inspection I/A/W
Piper 28-180 inspection checklist. Drained oil hot, cleaned Inlet filter.
Installed new oil filter PLKCH48110 & 7 QTS Aeroshell 15W-30 WT 40
oil. C/W AD 78-09-07 by Inspection of Bendix magneto Impulse
coupling. Dup again 2088.44 Tach. Compression checked as follows.
#1 22/80 #2 26/80 #3 26/80 #4 24/80. Adjusted carb. heat Airbox
door & cable. Dressed & painted prop blades. I certify that
this Engine/Propeller has been inspected I/A/W a 100 hr. inspection
and was determined to be in Airworthy condition this date
01/10/92 Jim Dwyer AFS29989623

NC

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

REMARKS

SIGNATURE

Kyle Pilon

7-30-91 TRAIL 1505.39 OIL CHANGED THIS DATE. SERVICED WITH
7 QTS AEROSHELL 15W50 & CHANGED OIL FILTER WITH NEW
CHAMPION EA4110. REPLACED ALL SPARK PLUGS WITH NEW
PURNER SPITFIRE SR-87. RUN-UP & LEAK CHECK OK.

Helene Mayer - Bp 519110422

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

Date		R. P. M.		Ground Time	Air Time	Total Time
Year	Mo.	Day	Ground	Air	Hrs.	Min.
90						
1	4		Tach 1291.0	43.0	Since last drop	
Compression check: #1 77/80 #2 77/80 #3 77/80 #4 75/80 Plugs cleaned & retimed. Mag timing checked, Muff drop, Controls drop & lubed. Oil changed. 15-50 New Shell. New filter Champion 48110. Engine run up temp & pressure normal.						
I certify that this engine has been inspected in accordance with a <u>visual</u> inspection, and was determined to be in airworthy condition.						
Date <u>Jan 4-80</u>						
Name <u>B. M. Murr</u>						
Number <u>SA 756716</u>						
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
DATE 7-9-90 TACH READS 1338.0 - OIL & FILTER CHANGED. 15-50 AEROSHELL. FILTER 48110. CLEANED & ROTATED PLUGS. INSTALLED NEW L & R MAGNETO HARNESSSES.	[Signature] APP 584682384
DATE 9-19-90 TACH 1387.28 Changed oil & filter serviced w/ 7 qts of AEROSHELL 15/50 AND 48110 CHAMP FILTER. [Signature] APP 58528027	
DATE 1-2-91 TACH 1423.62 Compression checked #1 76 #2 76/80 #3 76/80 #4 74/80. CLEANED & GAPPED PLUGS, MAG TIMING CHECKED. LUBED ALL CONTROLS. OIL CHANGE WAS NOT DONE AT THIS TIME. DRESSED & PAINTED PROP. REPLACED 4) ENGINE LARD MOUNTS #M20E REPLACED ALL EXHAUST GASKETS. REPLACED ALTERNATOR BELT, (CONT. -	

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

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year				Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
Mo.	Day	Ground	Air						
		OCT 15 1986		OIL CHANGE & FILTER		CH 48110			
		8 QTS	SHELL	15 W 50					
		TACH	1190.3						
		Amara							
		MAY 10, 1988		Oil Change & Filter		CH 48410			
		8 QTS	Shell	15 W 50					
		TACH	Time	1226.85					
		Chy							
7-29-87		TACH: 1242.97 100 hr Inspection Performed this Date							
		Oil not changed, Installed 8 new Champion REM 38E							
		Spark plugs checked Compression #1 19/80 #2 16/80 #3 15/80 #4 19/80							
		inspected exhaust & intake, dressed propeller blades, washed engine							
		I certify that this engine has been inspected in accordance with							
		a 100 hour inspection and was determined to be in airworthy							
		condition. Gregory L Wilson A3 P 380861514							
TOTAL TIME									

NOTICE: Making false entries in this book is a violation of the Civil Aviation Regulations.

ENGINE LOG

REMARKS	SIGNATURE
12/1/88 TACH 1248 CHANGED OIL & FILTER CLEAN + ROTATE PLUGS, CHECK COMPRESSION OK. REPAINTED BACK OF PRO, REPLACED ALL EXHAUST GASKETS, REPLACED BOTH OIL COOLER HOSES	
I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W A. ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. WILLIAM BERTRAND A3P 1542841	AF
<i>Willie Best</i>	

NC

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

REMARKS

SIGNATURE

7/1/86 TANH 115B WASHED ENGINE, CHANGED OIL
+ FILTER 80TS SHELL 15/50 OIL, CLEAN + CAP
PLUGS, REPLACED EXHAUST GASKETS CHECKED
COMPRESSION ALL CLY 72/50 OIL BETTER

I CERTIFY THIS ENGINE HAS BEEN
INSPECTED 1/1/74 IN AN ANNUAL INSPECTION
AND DETERMINED TO BE IN AIRWORTHY
CONDITION. WILLIAM BERTRAND ASD 1615341

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

Engine Serial

N C

ENGINE LOG

REMARKS

SIGNATURE

April 4, 1984 Tach Time 1111.13 hrs. 100 hr inspection completed this date in accordance with upcoming service manual & inspection schedule. All applicable A.D. notes complied with. Comp CR. #1 $7\frac{1}{8}$ #2 $7\frac{1}{8}$ #3 $7\frac{1}{8}$ #4 $7\frac{1}{8}$. Removed oil screen and installed oil filter adapter and CH4810 oil filter. Removed & Replaced noise filter on alternator. Removed & Replaced vacuum relief filter. Removed & Replaced carb. air filter. Removed & Replaced spark plug in #4 cylinder with REM 38E plug. Engine was ground run and operated to specifications. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Thomas E Jones II RHP 3807051627

Date R. P. M. Ground Time Hrs. Min. Air Time Hrs. Min. Total Time Hrs. Min.

Year Mo Day Ground Air Total Time 1105.61
 Sept 28, 1983 Tach Time 1105.61 Removed & Replaced starter & bendix drive with Prestolite starter P/N MZ4222R S/N 3071073. Performed operational check & starter operated fine. Thomas E Jones II RHP 3807051627

March 24, 1984 TACH. 1110.7 CHANGED OIL - 70TS. AEROSHELL 15W-50.

TOTAL TIME

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time	
Year	Mo. Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
81				1065.68					
5	29	OIL CHANGED & SCREEN CLEANED						C. Brown	
10-30-81 Total Time 1078.57 100 Hr. Insp.									
compression Check #1-78 #2-75 #3-76 #4-75									
cleaned & gaped plugs changed oil replaced with									
30-65 AD Aero Shell cleaned oil screen.									
Q40373349067 Lab. Denver									
10-30-81 TT. 1078.57									
I Certify This Engine has been									
inspected I/AW AN ANNUAL inspection and									
was determined to be in an airworthy									
condition.									
Y. Wooten									
AT 146357a3									
10									
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

3-1-83 TACH 1096 TT 1096

ENGINE—Drained oil, cleaned screens, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter and generator brushes, checked mags and timed properly, checked prop for balance and ~~proper~~ Functionally checked engine.

REMOVED L4 MAG 54LN-21 10-51360-37 SN 885272 TO
COMPANY WITH AD 78-09-07 (AM) 1-7-83 OK BY INSP PER 50549B
NEXT DUE TACH 1596

CYLINDER NO.					
1	2	3	4	5	6
78	78	74	75	X	X
80	80	80	80	X	X
COMPRESSION CHECK					

Date 3-1-83 ENE 1096
Total Aircraft Time I certify this

ENGINE has been inspected in accordance with a ANNUAL
inspection and was determined to be in airworthy
condition.

Signature B. Wooten A&P No. 379548096

Engine Serial

N C

Date		R. P. No.		Ground Time		Air Time		Total Time	
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.
79									
10	3	-	TAC	966	HRS	(T)	CERTIFIED THAT TAC'S		
			ENG	HAS BEEN	INSP	IN ACCORD WITH A BOO INSP & WAS			
			DETERMINED TO BE	IN	AIR WORTHY COND	OIL & SCREEN			
			CHANGER & CLEANED	20 W50	PHILLIP K.C.	S/P	Cleaned & AP		
			GAPPED,	COMP	CK	ALL EXCEED 75/80	E Roberts	745902	
7	14		TAC	1015.3			OIL CHANGED & SCREEN CLEANED		
							SHELL OIL GRADE 100 W/T 50		DBrown
10	20	-	77	1041.5			INSTALLED REIMAN PROP FROM SENSENICH CORP		
			John	7	John	1519936	ALL		
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
10-24-80 Total Time 1048.4 100 hr Insp. Compression #1-72 #2-78 #3-76 #4-75 Chg oil & cleaned oil screen replaced oil with Aero Shell 30-65 A.D. Made New bushing for ALT, Mount. checked all push rod rockers for wear, New rocker cover gaskets, Cleaned & gaped plugs. Q&P 373349067 * all done more	
10-24-80 TT. 1048.4 I Certify this Engine has been inspected / A/W an annual inspection and was determined to be in an airworthy condition	<i>[Signature]</i> AT 1463563

NOTICE:—Making false entries in this book is a violation of the Act of 1902, entitled "An Act to Amend the Act of 1900, entitled 'An Act to Provide for the Survey and Mapping of the Public Lands of the United States'."

Date Year Mo. Day	R. P. M.	Ground Time		Air Time		Total Time	
		Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
77 9-3							
IT IS CERTIFIED THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORD WITH AN HOUR INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TACH TIME 793 HRS. at CHANGE SCREEN CLEARED COMP. CK. Robert API 459022 ALT BELT VAC PUMP M.O. 211 INSTALLED							
8-7-78							
TACH 919.87 Replaced all Exhausts with new Blos Roof Cores. Replaced Alternator Filter Bkt. Replaced Bad Ignition Lead Non Brokat #7P 370384004							
9-12-78							
TACH 923.81 Removed Oil Mag. Replaced Oil Seal. Springs. Points Cond. Brush. & Reinstalled mag. checked timing Non Brokat #7P 370384004							
TOTAL TIME							

ENGINE LOG

REMARKS	SIGNATURE
Lack 930 HRS 10-9-78	
77-06-12 CWBI.	
78-09-07 CWBI	Larry Ingalls API 157100914
REPLACE LORC MOUNTS (REPLACED SPARK PLUGS REPLACED AIR FILTER	
I have inspected this ENGINE	
in accordance with a 100 HR	
inspection and found it to be in an airworthy condition.	
Tach. Reads 930	Date 10-9-78
Larry Ingalls	API 157100914

Engine Serial

N C

Date		R. P. M.		Ground Time		Air Time		Total Time		
Year	Mo.	Day	Ground	Air	Hrs.	Min.	Hrs.	Min.	Hrs.	Min.
75										
8	2		Replace	All EXH GASKETS			STRAPHER #2 EXH			
			FLANGE Clean &	CAP PLUGS						
10	19		T.T. 579.4	OIL CHG. 40/20 AD			GULF SWISHER, S.W.			
			1976							
5	15		T.T. 620.6	OIL CHANGE			20/40 GULF			

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

3/12/76

Installed starter ground cable, lubricated starter drive, refilled carburetor drain plug, checked for exhaust leaks. ~~checked~~ degaused engine mount w/very slight deflection on field strength meter.

Lucy Ingalls
AIP 1571009 IA.

8-14-76 I CERTIFY THAT THIS EXH HAS BEEN INSPECTIONED WITH A 100HR INSPECTION & WAS DETERMINED TO BE IN AN AIRWORTHY COND. FAC 670. PLUGS CLEANED & OIL CHANGED 100/100 SCREENS COND EIC 70/80
JANUARY 1450022

11/23/76 - OIL CHANGE - 707.8 h. 20-40 Gulf. AD. SM. Swisher

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

Date		R. P. M.		Ground Time	Air Time	Total Time
Year	Mo.	Day	Ground	Air	Hrs.	Min.
				ANNUAL SERVICE PIPER DATE <u>7-26-73</u> TACH. READING <u>474</u> I.T. <u>474</u> IT IS CERTIFIED THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORD WITH A <u>100</u> INSP. AND IS FOUND TO BE AIRWORTHY. ☒ OIL CHANGED <u>470 HRS</u> SCREENS SIGNED: <u>E Roberts</u> A & P <u>1459022</u> ☐ INSPECTION AUTHORIZATION ☐ AIRWORTHINESS DIRECTIVES COMPLIED FRANCIS AVIATION — Box 299 — LANSING, MICH. INSTALL 8 REM 40E S/P		
7	13		COMPRESSION CHECK #1 74/80 #2 71/80 #3 70/80 #4 75/80 ED ROBERTS			
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
7-13-74 IT IS CERT. THAT THE ENG. HAS BEEN INSP. IN ACCORD WITH 100HR INSP & FOUND TO BE AIRWORTHY E Roberts 1451022 - TAC 518	
OIL CHANGED - SCREENS SERV. PLUGS CLEAN & GAPPED COMP R/R 70# OVER 80 - CR. HEAT M/JEF	
5-17-75 OIL CHANGE TACH. TIME 546.5 S.N. Swisher	
8-2-75 IT IS CERT. THAT THIS ENG. HAS BEEN INSP. IN ACCORD WITH AN 100HR INSP & WAS DETERMINED TO BE IN AIRWORTHY COND. TAC 567 E Roberts	
AD 74-26-9 C/W ON LEFT MAG WITH NEW BUSH.	
Compressions #1 - 78/80 #3 - 79/80 #2 - 78/80 #4 - 80/80	

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

7/4/72 PIPER

SERVICE

DATE ~~7/4/72~~ TACH. READING 378 T.T. 378IT IS CERTIFIED THAT THIS AIRCRAFT AND OR
ENGINE HAS BEEN INSPECTED IN ACCORD WITHA 100 INSP. AND IS FOUND TO BE AIRWORTHY.☒ OIL CHANGED SCREENS

SIGNED

E. Roberts

A & P

1459022☐ INSPECTION AUTHORIZATION☐ AIRWORTHINESS DIRECTIVES COMPLIED

FRANCIS AVIATION — Box 299 — LANSING, MICH.

AD-72-6.5

RE SAFETY

ENGINE LOG

REMARKS

SIGNATURE

PIPER

SERVICE

DATE 7-30-71 TACH. READING 320 T.T. 320
IT IS CERTIFIED THAT THIS AIRCRAFT AND OR
ENGINE HAS BEEN INSPECTED IN ACCORD WITHA 100 INSP. AND IS FOUND TO BE AIRWORTHY.☒ OIL CHANGED FilterSIGNED E. Roberts A & P 1457022☐ INSPECTION AUTHORIZATION☐ AIRWORTHINESS DIRECTIVES COMPLIED

FRANCIS AVIATION — Box 299 — LANSING, MICH.

NC

NOTICE:—Making false entries in this book is a violation of the Civil Accounting Act of 1930.

REMARKS

SIGNATURE

PIPER SERVICE	
DATE <u>6-12-69</u>	TACH. READING <u>222</u> T.T. <u>222</u>
IT IS CERTIFIED THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORD WITH	
<u>A100</u> INSP. AND IS FOUND TO BE AIRWORTHY.	
☒ OIL CHANGED <u>40AD GULF</u>	
SIGNED <u>E. Roberts</u> A & P <u>459022</u>	
☐ INSPECTION AUTHORIZATION	
☐ AIRWORTHINESS DIRECTIVES COMPLIED	
FRANCIS AVIATION — Box 299 — LANSING, MICH.	

PIPER SERVICE	
DATE <u>7-2-70</u>	TACH. READING <u>270</u> T.T. <u>270</u>
IT IS CERTIFIED THAT THIS AIRCRAFT AND OR ENGINE HAS BEEN INSPECTED IN ACCORD WITH	
<u>A100</u> INSP. AND IS FOUND TO BE AIRWORTHY.	
☒ OIL CHANGED <u>SCREENS - 20/80 AD</u>	
SIGNED <u>E. Roberts</u> A & P <u>459022</u>	
☐ INSPECTION AUTHORIZATION	
☐ AIRWORTHINESS DIRECTIVES COMPLIED	
FRANCIS AVIATION — Box 299 — LANSING, MICH.	

REMARKS

SIGNATURE

PIPER SERVICE

DATE 6-1-67 TACH. READING 128 T.T. 128IT IS CERTIFIED THAT THIS AIRCRAFT AND OR
ENGINE HAS BEEN INSPECTED IN ACCORD WITHA100 INSP. AND IS FOUND TO BE AIRWORTHY.☐ OIL CHANGED

SIGNED

E Roberts

A & P

1459022☐ INSPECTION AUTHORIZATION☐ AIRWORTHINESS DIRECTIVES COMPLIED

FRANCIS AVIATION — Box 299 — LANSING, MICH.

5-12-68

Cleaned & Gapped spark plugs. Tack Time 167:80

Paul D. Leffler

A & P-150944

ENGINE LOG

REMARKS

SIGNATURE

Tack time on delivery

Sgt. S. S. S. S.

" " Vero Beach to Rochester, N.Y.

Sgt. S. S. S. S.

Changed oil. Used Tefaco A.D. George Walton
SAE 50

A.P. 158052

May 7 1966 Tach reads 76.6 Periodic inspection
 Checked oil, screws, mag, spark plugs. Identified
 that this engine has been inspected in accordance
 with approved periodic inspection procedure
 and determined airworthiness. Flt. Downed 159207
 AL

NOTE

Instructions for the Use of Log Book

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

License No.

MANUFACTURER { Name *Lycorning*
 Address *Williamport Penna*

Model *0-360-A3A* H. P. *180* Serial No. *L-8177-36*

Stroke *3.875* Manifold Pressure { Normal
 Bore *5.125* { Maximum

R.P.M. { Normal *2700* B.H.P. { Normal
 { Maximum *2700* { Maximum

Gear Reduction Ratio Rotation of Propeller

C a

OWNER.....