



The Standard

ENGINE LOG

ACA-CE-1

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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N12091

4-18-2025 Tach 3227.6hrs Engine TT 3227.6hrs SMOH 815.6hrs

100-hour inspection. Compression checked 75-72-75-42/80. Removed #4 cylinder, cleaned, honed and installed new ring set PN-SL7401-SC. Reinstalled cylinder with all new gaskets. Cleaned, gapped and tested spark plugs. Checked exhaust for leaks and condition. Cleaned gascolator and drained carb. Checked engine controls for proper hook up and ease of movement. Checked mag timing and adjust to 25°. Changed oil with Phillips 20w-50 one pint camguard and checked oil screen for contamination, none found at this time. Installed new alternator belt PN-37A19773-376.

2004-10-14 Replace crankshaft gear bolt at next engine overhaul or sudden stoppage.

I certify this engine has been inspected IAW a 100-hour inspection and was determined to be in airworthy condition at this time.

Mal Boyer ACP 2876409

YEAR: 2007	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.)
DATE 3/7/07				Tach Time 3190 TSMOH 800
camp iso				Cleaned & gapped plugs changed oil & checked
#1-72				screen (OK) filled with 8 qts 15W50 Aeroshell.
2-72				checked timing, checked fuel screen, checked
3-72				mag leads, Performed misc preventive maintenance
4-74				per Lycoming & Cessna Service Manuals. I
				certify this engine has been inspected in
				accordance with a 100 hr. annual inspection and was
				determined to be in an airworthy condition.
				Timothy L McPherson
				AP501763754

YEAR:	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.)
DATE 12/1/2017				Engine: Lycoming J-320-E2D S/N L-34449-27A
				C-172 N12091 Tach and Total Time: 3206
				Compression /80: #1-68, #2-72, #3-68, #4-68. Cleaned and
				gapped plugs, reset timing, checked leads, changed oil and
				checked screen(ok), filled with 8 quarts 15W50 Aeroshell,
				checked fuel screen, installed new starter(149NL), installed
				OH carburetor(10-5217), see maintenance releases
				attached. Performed misc preventive maintenance per
				Cessna and Lycoming Service Manuals. I certify this
				Engine has been inspected in accordance with a 100 hr
				inspection and was determined to be in an airworthy
				condition at this time. All checks completed.
				Timothy L McPherson
				Timothy L McPherson AP3818274 IA

Engine Record General Information

Manufacturer Lycoming Model O-320-E2D

Serial L-34449-27A Type Certificate _____

This engine is currently installed in aircraft C-172 N12091

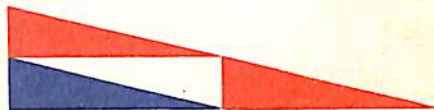
Minimum Octane Fuel _____ Oil Grade: Summer _____ Winter _____

Magneto Time _____ Point Setting _____ Firing Order _____

Spark Plug Gap _____

Manufacturer recommended overhaul at _____ hours

Cessna[®]



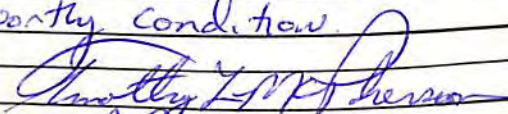
ENGINE
AND PROPELLER LOG

N 12091

SERIAL NO.

L-34449-27A

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
5/3/05		Tach Time	3/67		TSMOH 767
comp 150		Cleaned & gapped plugs,			checked timing, checked leads,
#1-70		checked fuel & oil screens,			changed oil, filled jets
2-76		15W50 Aeroshell. Performed			misc preventive
3-72		Maintenance per Cessna 172			and Lycoming Service
4-68		Manuals. I certify this engine			has been inspected
		in accordance with a 100hr.			inspection and was
		determined to be in an			airworthy condition.
					 Timothy L. Johnson APL 17275V

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
5-24-01	Tach: 3108.6	Hobbs: 3585.4			Dynamic Balanced & Vibration Spectrum Tracked this AC Spinner Propeller-Engine Comb. as per "spec." set forth in "Smooth Propeller" pub. # AW 9511-2 by Chadwick Helmut. Initial Imbal. - ance: .33 IPS. Balance R.P.M's: 2371 (ACTUAL). No static wts. WT. PKg: 19.5 grams of AC approved hardware mounted on starter ring gear. Confirmation Run: .04 IPS. This Aircraft returned to service.
					Jeff AdP 42868264A IA

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
8/20/03		Tach Time 3144			TSMOH 744
comp V80		Cleaned & gapped plugs, checked timing, checked leads			
#1 - 76/80		checked fuel & oil screens			changed oil, filled with
2 - 76/80		logs 15W50 Aerashell. Checked muffler (OK) performed			
3 - 74/80		misc preventive maintenance according to C-172 and			
4 - 71/80		Lycoming Service Manual. I certify this engine has			
		been inspected in accordance with a 100 hr. inspection			
		and was determined to be in an airworthy condition.			
					Timothy L. McDevan AP 501763754

ENGINE LOG

DATE 19 96	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
12/1/96		Tach Time 3075		TSMOH 663		
comp/80		cleaned + gapped plugs, checked leads + timing (OK)				
# 1 - 74/80		changed oil + checked screen (OK) filled with 7QTs 15W50				
# 2 - 75/80		pressure checked muffler, installed new air filter, dressed				
# 3 - 76/80		+ painted prop, performed misc preventive maintenance				
# 4 - 77/80		certify this engine has been inspected in accordance with a 100hr inspection + was determined to be in an airworthy condition				
						Smithy L McPherson AP501763754 IA
12/1/97		Tach Time 3082		TSMOH 680		
comp/80		Cleaned + gapped plugs checked leads + timing (OK)				
# 1 - 76		changed oil + checked screen (OK) filled with 7QTs 15W50				
2 - 73		checked muffler, installed new air filter, BACALOA, dressed				
3 - 74		+ painted prop, performed misc preventive maintenance				
4 - 74		certify this engine has been inspected in accordance with a 100hr inspection + was found in an airworthy condition				
						Smithy L McPherson AP501763754

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ENGINE LOG

DATE 19 98	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
12/10/98		TACH TIME 3092		TSMOH 690		
comp/80		Cleaned + gapped plugs checked leads + timing (OK)				
# 1 - 78/80		changed oil + checked screen (OK) filled with 7QTs				
2 - 75/80		15W50 Aeroshell, pressure checked muffler, installed				
3 - 74/80		new air filter, dressed + painted prop, performed misc				
4 - 72/80		preventive maintenance. I certify this engine has				
						inspected in accordance with a 100hr inspection
						and was determined to be in an airworthy condition
						Smithy L McPherson AP501763754
1/10/00		TACH + TOTAL TIME 3004		TSMOH 702		
comp/80		Cleaned + gapped plugs checked leads + timing (OK) changed oil +				
# 1 - 75		checked screen (OK), filled with 7QTs 15W50, Aeroshell, pressure				
2 - 74		checked muffler (OK) dressed + painted prop, performed misc				
3 - 76		preventive maintenance. I certify this engine has been inspected				
4 - 74		in accordance with a 100hr inspection, + was determined to				
						be in an airworthy condition
						Smithy L McPherson AP501763754

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	IOths				
19 93	11-12-93			Tach Time 3047.8 TSMOH 635 Cleared + gapped plugs checked leads checked timing changed oil + checked screens 79 to 15W50 Aerashell checked oil screen checked muffler (OK), dressed + painted prop performed misc. preventive maintenance. I certify this engine has been inspected in accordance with 100 hr. inspection + was determined to be in an airworthy condition. Anthony L M of Peron AP 501763754			
9/7/94				Tach Time 3047.8 TSMOH 635. cleaned + gapped plugs checked Mag timing. Checked Runout of Crankshaft Flange. V's OK. Installed Reconditioned Propeller, ser No 726661, Model IC160/CTM 7553 (See yellow tag dated 5-9-94 in Rear of Log, checked Fuel screen. Ran up engine, Mag Drop OK. Performed Dist. Comp check #1 76/80 #2 70/80 #3 73/80 #4 79/80			

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19				I certify that this powerplant has been inspected IAW 100 hr inspection and was determined to be in an "Airworthy" Condition	Anthony L M of Peron AP 502766715	
	12/18/95			Tach Time 3060 TSMOH 648 Cleared + gapped plugs, checked leads checked timing changed oil + checked screen (OK) 79 to 15W50 shell checked fuel screen (OK) checked muffler (OK) dressed + painted prop performed misc preventive maintenance I certify this engine has been inspected in accordance with a 100 hr. inspection and was determined to be in an airworthy condition	Anthony L M of Peron AP 501763754 IA	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER		
		HOURS	10THS					
1991								
16 AUG 91		2951	0	ENGINE-changed oil, cleaned screen, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter & generator brushes, checked mags & timed properly, checked & dressed prop. Functionally checked engine.				
DIFFERENTIAL COMPRESSION TEST								
#1	#2	#3	#4	#5	#6	#7	#8	#9
73	73	72	75					
80	80	60	80	80	80	80	80	80
I certify that this <u>ENGINE</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in an airworthy condition this date <u>16 AUG 1991</u>								
Tach read <u>2951</u> hrs, Total time <u>2951.0</u>								
Signed <u>Keith W. Schonert</u>								
Keith W. Schonert								
A & P - 2065797 IA								
				8 gals 15W50 AEROSHELL				
				AD LISTING IN REAR OF THIS LOG				
				539.0 SMO.Hi				

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1991						
15 OCT 91		2975	5	OIL CHANGE CHECKED SCREEN 8 gts 15W50 AEROSHELL		
					Keith Schonert	A & P - 2065797
4-28-92		3001	3	OIL CHANGE CHECKED SCREEN 8 gts 15W50 AEROSHELL		
					Keith Schonert	A & P - 2065797
2-30-92		3010	3	OIL CHANGE, Checked & cleaned screen, serviced w/8 gts Aeroshell 100W, Ran & checked for leaks OK		
					Steve P	A & P 502766718
10-12-92	11	3007		TSMOH 608		
	comp #1-74			Cleaned & gapped plugs, checked leads checked		
	2-72			timing, changed oil & checked screen, checked fuel		
	3-72			screen, dressed & painted prop, performed miscellaneous		
	4-74			preventive maintenance. I certify this engine has been		
				inspected in accordance with a 100hr inspection & was		
				determined to be in an airworthy condition.		
					Anthony L. McPherson	A & P 501763754

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 90						
17 OCT 90				TACH TIME 2867.3 REMOVED & REPLACED STARTER INSTALLED STARTER DRIVE PART# ESEBB75A YELLOW TAG ATTACHED	<i>Kenneth W. Schmitt</i> AEP 2065797	

Mfg. PRESTOLITE Part No. ESEBB75A
 Serial No. 9036 ESI P/N 00179
 Model STARTER DRIVE

MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was overhauled and inspected in accordance with Current Regulations of the Federal Aviation Administration and is approved for return to service.
 Pertinent details of the overhaul are on file at this repair station under:

Work Order No. 2227 Date 09/04/90

Signed: *Thomas Russell*



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

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

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 90						
29 OCT 90		2876	2	CLEANED CHANGED OIL CLEANED & CHECKED SCREEN - OK 7QTs AEROSHELL 15W50 With in Schmitt AEP 2065797	<i>Kenneth W. Schmitt</i> AEP 2065797	
4-9-91		2909	1	CHANGED OIL CLEANED & CHECKED - SCREEN OK 7qtts AEROSHELL 15W50 <i>Kenneth W. Schmitt</i> AEP 2065797	<i>Kenneth W. Schmitt</i> AEP 2065797	
6-5-91		2926	5	CHANGED OIL CLEANED & CHECKED SCREEN OK 7qtts AEROSHELL 15W50 <i>Kenneth W. Schmitt</i> AEP 2065797	<i>Kenneth W. Schmitt</i> AEP 2065797	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 23 MAY 90		2787		Installed New Airborne 211CC Vacuum Pump. <i>Larry J. Anderson</i> A & P 2115897		
5 JUNE 90		2797	1	TACH TIME OIL CHANGE CHECK & CLEAN SCREEN 7qt 15W50 AEROSHELL <i>Keith W. Schonert</i> A & P 2065797		
26 JULY 90		2824	6	TACH TIME OIL CHANGE CHECK & CLEAN SCREEN 7qt 15W50 AEROSHELL <i>Keith W. Schonert</i> A & P 2065797		

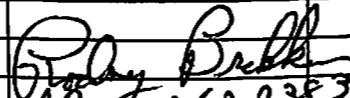
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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 16 AUG 90		2840	0	OIL CHANGE DUE IN 10 HRS. ENGINE-changed oil, cleaned screen, checked & cleaned spark plugs, checked compression, checked fuel system, drained sumps, checked starter & generator brushes, checked mags & timed properly, checked & dressed prop. Functionally checked engine. REPLACED AIR CLEANER ELEMENT REPLACED EXHAUST GASKET #3 CYL DRESSED EXHAUST FLANGE REPLACED VALVE COVER GASKETS CYLS #1 & #3 COMPRESSION AS FOLLOWS. #1 $\frac{7}{80}$ #2 $\frac{7}{80}$ #3 $\frac{7}{80}$ #4 $\frac{7}{80}$ AD LISTING IN REAR OF THIS LOG		
				I certify that this ENGINE has been inspected in accordance with a 100 HR inspection and was determined to be in an airworthy condition this date 16 AUG 90 Tach read 2840 hrs. Total time 2840 Signed <i>Keith W. Schonert</i> 428 S.M.P.H. Keith W. Schonert A & P - 2065797		
21 Sept 90		2850	8	TACH TIME Changed oil CHECKED & CLEANED SCREEN 7qt 15W50 AEROSHELL <i>Keith W. Schonert</i> A & P 2065797		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 89						
11-6		2742		- Changed oil this date Serviced with 15W50 Aero Shell Cleaned + gapped plugs. Repaired exhaust riser for #3 cylinder. Replaced exhaust gasket #3 cylinder. Replaced clamp for carb heat assembly on exhaust riser for #3 cylinder.	 AP 502622383	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4-28-90		Tack	2745.3	TSMH	353.3	
	1a			Removed Rear asst. case To inspect crankshaft Dowel Pin no long damage noted. Reinstalled case		
	2.			Replaced prop. with used serviceable Prop. CTN 7553, SN 726661 See prop log		
	3.			Replaced R.T.I. with Rebuilt Unit. Renew elec.		
				Log. Item 534402773 IA		
4-30-90				changed oil add 7pt Aeroshell.		
				Log. Item 534402773 IA		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 2 SEP 88		2495	16	MRS. CW AD 81-13-04 REMOVED Accessory Case, Installed New oil pump gears, Impeller drive shaft + oil pump housing. CHANGED oil - Aeroshell 50. <i>Jimmy</i> AP 502 622383 <i>Spidemann</i>		
5-16-89		2583		Changed oil this date. Serviced with 15W50 Aero Shell.	<i>Proby Brubk</i> AP 502 622383	
8-4-89		2633		Changed oil this date. Serviced with 100w Aero Shell.	<i>Proby Brubk</i> AP 502 622383	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 89 8-10		2644	7	Completed 100 hr. inspection on this date. Compression 76-74-76-74. Changed oil. Serviced with 15W50 Aero Shell. Replaced all spark plugs. Installed Champion REM 40 Es. Replaced Bracket BA6108 intake filter. I certify this engine was inspected TAW a 100 hr. insp and was found to be in an airworthy condition.	<i>Proby Brubk</i> AP 502 622383	
10-18		2728		Changed oil this date. Serviced with 100w Aero Shell.	<i>Proby Brubk</i> AP 502 622383	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
19 87	8 June 87	2412	Hours	Engine Disassembled, Cleaned + Inspected. All Steel Parts Magnafluxed + Cyl. Heads Zygloed. Ground Seats + Installed New guides. Honed cylinder + milled EXT. PORTS. Installed New Valves Keepers + ROTATOR caps. Valve Spring tension OK. OK. Installed New Rings + Pistons. Replaced tach drive SHAFT + oil Pump. Installed Axle Main + Rod Bearings (std.) New Rod Coats + Nuts. Replaced all Hoses, gaskets + Seals. Installed New Cam + Followup. New oil Pressure Relief Valve Spring + Ball. New oil Cooler Bypass Purger + Spring. Reassembled engine. Serviced with 50 Aeroshell Mineral oil. TEST Run + checked for Leaks. New Air Filter + ACT. Belt Inst.			
		I certify that this aircraft powerplant has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.					

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 88	MAR 3, 1988	2412	9	TACH TIME DRAINED OIL + REFILLED WITH AEROSHELL 30W ND AND TEST RAN ENGINE AND CHECKED FOR LEAKS ALSO CHECKED OPERATION OF ENGINE PRIMER - OK Michael Henning AP 502648461		
	8-26-88	Tach 2494		Compressor: #1 73/90, #2 73/90, #3 73/80, #4 73/90, changed oil serviced with Shell 50W D 70ts. Cleaned oil screen, fuel screens, cleaned & gapped spark plugs, installed gasket on oil filler tube, new induction air filter, new engine to oil cooler hoses, new carb, togas-culator hoses, new breather hose, checked engine controls, flame tube in muffler burnt out, Part on order, see Rear of A/c log for All. list. I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an unairworthy condition until the cause of the Aluminum flakes in the Oil screen can be found & corrected.		
		I certify that this engine has been inspected in accordance with a 100hr inspection and was determined to be in an unairworthy condition until the cause of the Aluminum flakes in the Oil screen can be found & corrected.				

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
1985							
Date 4/13/85	Tach 2384.0	Total 2384.0	Tsoh N/A	100 HR. SERVICES + FOLLOWING:			
I Certify that this ENGINE/PROP has been inspected in accordance with ANNUAL inspection and was determined to be in Airworthy Condition.				OIL SAMPLE TAKEN + SENT, RESULTS BACK ON BOOK'S REPLACED #1 + 3 ROCKER COVER GASKETS, REPLACED #2 INTAKE GASKET + HOSE, LAPPED OIL SCREEN HOUSING, SPARK PLUGS CLEANED, GAPPED, TESTED, + ROTATED, TIMING CHECKED, OK; CLEANED SCUMPSCREEN, PRESSURE SCRIP + AIR FILTER; CLEANED CARB FILTER + DRAINED CARB, OK; RUN-UP CR. DR. STATIC RPM OK; SEE BACK ON BOOK FOR AD STATUS.	Merge C. Eichen	IA 1570999	
DATE 4/13/85	TACH 2384.0	DRAINED OIL AND REFILLED WITH 8 QTS. OF 15W50					
NEXT OIL CHANGE DUE AT 2434.0 HOURS.		T.T. IN SERVICE 2384.0					
COMPRESSION CHECK: 80		CYL 1 74	CYL 2 75	CYL 3 72	CYL 4 74	CYL 5 X	CYL 6 X
DATE 6/6/86		T.T. IN SERVICE 2389.0					
COMPRESSION CHECK:		CYL 1 74	CYL 2 72	CYL 3 73	CYL 4 72	CYL 5 X	CYL 6 X
DATE 6/6/86		TACH 2389.0	DRAINED OIL AND REFILLED WITH 7 QTS. OF ACROSSH. 15W50				
NEXT OIL CHANGE DUE AT 2439 HOURS.		+ SAMPLE TAKEN.					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE RESULTS BACK ON BOOK

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
Date 6/6/86	Tach 2389.0	Total 2389.0	Tsoh N/A	ANNUAL SERVICES + FOLLOWING:		
I Certify that this ENGINE/PROP has been inspected in accordance with ANNUAL inspection and was determined to be in Airworthy Condition.				CLEANED SCREENS; CLEANED + GAPPED PLUGS; TOUCHED UP ENGINE PAINT; RUN-UP CR. DR.	Merge C. Eichen	IA 1570999

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1983						
Date 1-15-83	Tach 2330.8	Total 2330.8	Tsoh N/A	12/15/83 TT 2330.8 ANNUAL/100 HR SERVICES + FOLLOWING; REPLACED #2 INTAKE GASKET; C/W SB 388, EXH. VALVE INSP. RESULTS = #1.030" #2 .032" #3.036" #4.028" ALL WITHIN LIMITS OF .025"-.040"; REPLACED ALL ROCKER COVER GASKETS; REPLACED O/R QUICK DRAW HOSE; REMOVED CARBURATOR S/N BL-19-8550 + OVERHAULED PER M-S MANUAL, REPLACED ALL GASKETS, ACC. PUMP PLUNGER, LINK, + LEVER; THROTTLE SHAFT + BUSHINGS; MIX CONTROL O-RING; PLUNGER PACKING, REUSED FRONT VALVE + SEAT BECAUSE OF CONDITION + LOW TIME; REPLACED ALTERNATOR BELT + CLEANED UP STARTER RING GEAR ASSY; RETIMED L/H MAG; REPLACED CARB AIR BOX BEARINGS + SHAFT/LEVER ASSY; REPAIRED LOOSE RIVETS AS P.O.D;		
I Certify that this ENGINE/PROP Has Been Inspected in Accordance with ANNUAL/100HR Inspection and Was Determined to be in Airworthy Condition.						
		Merg T. Eichen IA 1570999				
DATE 1-15-83	T. IN SERVICE 2330.8	DRAWN HOSE; REMOVED CARBURATOR S/N BL-19-8550 + OVERHAULED PER M-S MANUAL, REPLACED ALL GASKETS, ACC. PUMP PLUNGER, LINK, + LEVER; THROTTLE SHAFT + BUSHINGS; MIX CONTROL O-RING; PLUNGER PACKING, REUSED FRONT VALVE + SEAT BECAUSE OF CONDITION + LOW TIME; REPLACED ALTERNATOR BELT + CLEANED UP STARTER RING GEAR ASSY; RETIMED L/H MAG; REPLACED CARB AIR BOX BEARINGS + SHAFT/LEVER ASSY; REPAIRED LOOSE RIVETS AS P.O.D;				
COMPRESSION CHECK 180	CYL. 1 72	CYL. 3 72	CYL. 5 X			
CYL. 2 72	CYL. 4 74	CYL. 6 X				
DATE 1-15-83	TACH. 2330.8	DRAINED OIL AND REFILLED WITH 8 QTS. OF 20W50XC. NEXT OIL CHANGE DUE AT 2355.8 HOURS. SEE BACK OF BOOK FOR SAMPLE RESULTS				
REPLACED #2 BOTTOM CIGARETTE; REPLACED ALTERNATOR BRUSHES, REAR BEARING, THRU-BOLTS + MOUNT BOLT + TURNED SLIP RINGS; DRESSED PROP APPOINTED FACE; RETORQUEN SUMP BOLTS/NUTS; DRESSED EXHAUST FLANGES TO TOP OF WETTER SEAL; AD 81-18-04R2 7 JUN 82 MUST BE C/W PER LETTER FROM FAA EASTERN REGION NJLT 2426.2 HRS TT. COPY OF LETTER BACK OF BOOK, SEE BACK OF BOOK FOR AD STATUS						

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1984						
Date 1-15-83	TJ. 2330.8	CONTINUED: ENGINE RUN-UP OK OK; ADJUSTED IDLER RPM + MIXTURES; RETORQUEN ROCKER COVER GASKETS + EXHAUST FLANGES; Merg T. Eichen IA 1570999				
Date 3-8-84	Tach 2349.2	Total 2349.2	Tsoh N/A	DATE 3-8-84 T.T. IN SERVICE 2349.2		
I Certify that this ENGINE/PROP Has Been Inspected in Accordance with ANNUAL Inspection and Was Determined to be in Airworthy Condition.						
		Merg T. Eichen IA 1570999		COMPRESSION CHECK: 180		
				CYL. 1 72	CYL. 3 72	CYL. 5 X
				CYL. 2 70	CYL. 4 74	CYL. 6 X
				DATE 3-8-84	TACH. 2349.2	
				DRAINED OIL AND REFILLED WITH 8 QTS. OF 20W50 NEXT OIL CHANGE DUE AT 2399 HOURS.		
SEE BACK OF LOG FOR AD'S						
3-8-84 TJ. 2349.2 ANNUAL SERVICES + FOLLOWING; OIL SAMPLE TAKEN; RESULTS OK; PLUGS CLEANED, GAPPED, + ROTATED; CLEANED BOTH SCREENS, OK; REPLACED ALTERNATOR WITH REPAIRED + TESTED UNIT CGFF-10300B (CG11501-010) TIMING OK OK; ENGINE RUN-UP OK OK. Merg T. Eichen ARP 1570999 T.A.						
DATE	TACH.	T. IN SERVICE		DATE		
		COMPRESSION CHECK:		CYL. 1		
		CYL. 3		CYL. 5		
		CYL. 4		CYL. 6		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1980						
11-1	2213			Comp. Check #1-72#2-72#3-72#4-75/80 Change oil and clean screen. Added 20-50 Phillips. Replace valve cover gaskets Insp. left mag SN#9020781R for AD 80-06-05 39-3718 Vcd OK. Right mag SN# DNA.		
				I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Applicable A.D. Notes through <u>80-18</u> Complied with. Total time <u>2213</u> Signed <u>Don Relyea</u> A & P # <u>538528311</u>		
				AIRCRAFT SPECIALTIES = VANCOUVER, WASH.		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1981						
12/3/81		2290.0		Hours In Service. Completed 100hr Inspection this date. Complied with F.A.A. and Manufacturers Recommendations and Service Manuals. All A.D.'s and Service Letters Complied with. Compression Check Cyl. #1-73, #2-73, #3-73, #4-75 lbs. Changed Oil, Cleaned Oil Screen. Added 8qts Phillips 20/50. Installed New Air Filter. Checked and Gapped Spark Plugs. Run-up and Test Flown. All okay. Returned to Service Frank Calderon A&P 1580313		
				I certify that this aircraft has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in airworthy condition. Applicable A.D. Notes through Complied with. Total time <u>2290 TIS</u> Signed <u>Frank Calderon</u> A & P # <u>53551668</u>		
				AIRCRAFT SPECIALTIES = VANCOUVER, WASH.		

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DATE 6-27-82 T.T. IN SERVICE 2316.8
COMPRESSION CHECK 180
CYL. 1 72 CYL. 3 72 CYL. 4 72 CYL. 5 X
CYL. 2 72 CYL. 6 72 CYL. 6 X

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 77 9/22		1864		100 hour insp + service completed. changed oil, installed 89ts Amshell 50 w. Imported + cleaned screws. cleaned + oiled spark plugs. Compression check # 1. 76. 2. 72. 3. 72. 4. 74. replaced intake gaskets. New exhaust muffler on order.		

I certify that this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition. Applicable A. D. Notes through 77-18 complied with total time (or tach reading) 1864.
 Signed: Ronald Luster A & P # 147889
 AIRCRAFT SPECIALTIES VANCOUVER, WASH.

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ENGINE LOG

CARB REPAIRED ONLY

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 4/18/78		1926		Change oil. Clean oil system + exp. Comp. Check 74, 74, 76, 76. Service fuel lines. Check. Service master carb. + send to flight dept for overhaul. Replace carb. muffler. Service fuel shutoff. Jalkanen A & P 136430		

I CERTIFY THAT THIS Engine HAS BEEN INSPECTED IN ACCORDANCE WITH A 100hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
 WORK ORDER NO. _____ DATED 4/18/78
 TOTAL TIME: 1926 TACH TIME: 1926
 MECHANIC: Jalkanen NO. A & P 136430 LA

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG * R. MAG REPLACEMENT.

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				I certify that this aircraft has been inspected in accordance with a <u>100 hr</u> inspection and was determined to be in airworthy condition. Applicable A. D. Notes through <u>1472</u> comply with total time (or tach reading) <u>1472</u> hours.		
				Signature: <u>[Signature]</u> A & P # <u>1478851</u>		
				AIRCRAFT SPECIALTIES = VANCOUVER, WASH.		
3/10/77	1579	9		Oil changed + screen cleaned, installed 7 qts Proshell 50W. Schutler Ap 1478851		
4/15/77	1612			100 hr inspection + service completed. Change oil 7 qts. worked. cleaned, makeup gapped + cleaned plugs carb. removed fuel leak stopped. replace rupture control cable. replace right mag. * FLIGHT CRAFT Gaslow Hamilton At P 541361507		
				ALTERNATOR REPAIRED REGULATOR TESTED		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
1977						
				Annual Insp. Completed. This date. Certify Engine Airworthy [Signature] 1478851		
4/21				Change oil clean gun + oil screen. Comp. chd. 78-76-76-70. Replace Spark Plug. Pin 405. Pitone mag. Lysol. Eoh. stat #3 exp.		
				I CERTIFY THAT THIS <u>Engine</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
				WORK ORDER NO. _____ DATED <u>6/5/77</u>		
				TOTAL TIME: <u>1719</u> TACH TIME: <u>1719</u>		
				MECHANIC <u>[Signature]</u> NO. <u>1478851</u>		

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ENGINE LOG

R. MAG REPLACEMENT.

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
6/21/75	100HR			OIL CHANGE AERO SHELL 50W REPLACE OIL COOLER BRACKET. REPLACE LEFT MAG.		
				75-16		
				1114:30		
				1399199		
11/26/75	100HR			OIL CHANGE AERO SHELL 50W REPLACE RIGHT MAG. *		
				75-23		
				1217:10		
				1399199		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
3-15		1269	8	Changed oil (Shell 110W) cleaned screen, checked mag's, timing and compression $7/80-7/80-7/80-7/80$ cleaned and gapped top spark plugs + replaced lower plugs. Ground carb air filter, inspected intake and exhaust system, ignition harness and all wiring found of pinwall. Replaced carb heat ducting. Replace oil pump in accordance with ADNOTE 75-08-09. 51385C		
3-15-76		1269	8	I certify that this aircraft has been inspected in accordance with (A 100 Hr.) (An Annual) inspection and was determined to be in airworthy condition. Signed <u>L.D. Loach</u> A & P No. 19897110		
11/19/76		1472	10	100hr inspection + service, changed oil, installed 70th Pennshell 50W, cleaned screen, cleaned + gapped spark plugs, changed mag timing, compression test @ 80. #1, 76, 2, 78, 3, 76, 4, 75 restored #2, 3+4, intake gaskets, replaced #2+3 rocker box-covers gaskets, replaced #3 exhaust gasket, replaced muffler with Pulcrocraft 50-00127B-1 #6-252 #13546 50W oil cooler Model 8406E #13546 (CMT)		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
11/21/74	100 HR			OIL CHANGE, AERO SHELL 40W ENG. COMP. CK. 75 ALL CYLS. 50		
				74-23		
				TACH 752:30		
				1399199		
3/20/75	100 HR			OIL CHANGE AERO SHELL 50W		
				75-5		
				OIL 70:40		
				1399199		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
8/5/75	100 HR			OIL CHANGE AERO SHELL 50W		
				75-11		
				989:00		
				1399199		
6-5-75	ANNUAL					
				75-11		
				989:00		
				101496732		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				WESTERN SKYWAYS, INC. — PORTLAND-TROUTDALE AIRPORT — TROUTDALE, OREGON F.A.A. APPROVED REPAIR STATION NO. 4110		
				Date <u>6-7-74</u> I certify that this aircraft has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition. Applicable A. D. notes through <u>74-11</u> checked or complied with. Particular details of this repair are on file at this agency under Work Order No. <u>69557</u> Total time (or tach reading) <u>404</u> Signature <u>London Overcup</u> INSPECTOR R.S. 4110		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
				Date <u>8/2/74</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. Applicable A. D. Notes through <u>74-15</u> complied with. Total time (or tach reading) <u>TACH. 512:00</u> Signed <u>Donald K. Meyland</u> A & P # <u>1399199</u>		
				Date <u>9/25/74</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. Applicable A. D. Notes through <u>74-19</u> complied with. Total time (or tach reading) <u>TACH. 651:9</u> Signed <u>Donald K. Meyland</u> A & P # <u>1399199</u>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				WESTERN SKYWAYS, INC. — PORTLAND-TROUTDALE AIRPORT — TROUTDALE, OREGON F.A.A. APPROVED REPAIR STATION NO. 4110 Date <u>1-29-74</u> I certify that this aircraft has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition. Applicable A.D. notes through <u>73-26</u> checked or complied with. Pertinent details of this repair are on file at this agency under Work Order No. <u>68070</u> . Total time (or tach reading) <u>198.3</u> Signature: <u>Gordon Overbeck</u>	INSPECTOR RS 4110	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				WESTERN SKYWAYS, INC. — PORTLAND-TROUTDALE AIRPORT — TROUTDALE, OREGON F.A.A. APPROVED REPAIR STATION NO. 4110 Date <u>4-16-74</u> I certify that this aircraft has been inspected in accordance with a <u>annual</u> inspection and was determined to be in airworthy condition. Applicable A.D. notes through <u>74-6</u> checked or complied with. Pertinent details of this repair are on file at this agency under Work Order No. <u>69314</u> . Total time (or tach reading) <u>299.7</u> Signature: <u>Gordon Overbeck</u>	INSPECTOR RS 4110	

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