4/95

Book #2

The Standard ENGINE LOG

ASA-SE-1

N6409E POWERPLANT Continental O-300-A S/N 14460-D-9-A
Tach: 2729.6 SMOH 365.6 Date: 08/09/23
Performed 100 hour inspection of engine in conjunction with annual inspection.
Compressions OK. Cleaned, gapped, and rotated spark plugs. AD's checked this date. I certify this powerplant was inspected IAW 100 hour inspection and is in airworthy condition. **********END**********

Lane Patrick Holden A&P 3183433 IA

N6409E POWERPLANT Continental O-300-A S/N 14460-D-9-A
Tach: 2730.3 SMOH 366.3 Date: 09/11/24
Performed 100 hour inspection of engine in conjunction with annual inspection.
Compression check OK. Cleaned, gapped, and rotated spark plugs. AD's checked this date. I certify this powerplant was inspected IAW 100 hour inspection and is in airworthy condition. **********END**********

Lane Patrick Holden A&P 3183433 IA

Date: Feb. 16, 2022 **Tach Time:** 2728.7 **Engine T.T** _____

Model: O-300-A **S/N: 14460-D-9-A** **W.O.# 221231 N6409E**

Continental engine disassembled for **repair** due to making metal. Engine inspection, all parts cleaned and inspected, steel parts magnafluxed Power Aviation CRS# ZLZR567L w.o.221231 dated 8/25/2021. Crankcase repaired by Divco CRS# DB2R762K w.o.133236 dated 1/11/2022. Engine reassemble as per Continental overhaul manual X30013, & TCM Standard Practice Maintenance Manual M-0 rev.1. The following parts used for reassembly of engine, nose seal assy, gasket set, M010 main bearing set, M010 rod bearing, rod bolts, rod nuts & cotter pins, counterweight bushing, plates & snap rings & damper pins, bolts C/S, new 656072 crank cluster gear, cam bolts, re-ground P/N 530803 camshaft, (12) 657912 new tappet body assy, oil pressure spring & plunger, intake hoses, used serviceable oil sump, used serviceable accessory, used oil pump gears P/N35343 & 23403, used cover plate P/N 23410, alternator drive bushing, new P/N 23411 engine mount bushing & new valve cover screws. All cylinders was I.R.A.N. having valves & valve seats reworked and valves lapped to cylinders and reinstalled with new keys, cylinder barrels honed ring finished, pistons clean and new SA2000-SC ring sets installed, cylinders reinstalled. Both magnetos left P/N 6364 S/N 04031455, right P/N6364 S/N 04031456, was reinstalled, alone with original harness & spark plugs with new gaskets. Reinstalled alternator, starter motor and carburetor. Engine test ran, no leaks noted at this time. See invoice for complete parts list. **No engine accessories done at this time by this agency. Continuing time on engine.**

End of work done.

This engine or appliance identified above was repaired and inspected in accordance with current Federal Aviation Regulations and is approved for return to service. Pertinent details of these repairs are on file at this agency under the W.O. # 221231 listed above.

ZEPHYR AIRCRAFT ENGINES Inc.

39320 Avenue B Zephyrhills FL. 33542
(813) 788-3305 FAX (813) 788-4412

F.A.A. APPROVED REPAIR STATION # V14R397M

Authorized Signature Herman Vollrath

Herman Vollrath

DATE 2020 ~~19__~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
06/01	2691.2			Performed compression (✓) 1) 70/80 2) 72/80 3) 71/80 4) 74/80
		TSMO	327.2	5) 70/80 6) 0/80. Removed #6 cylinder and sent
				to Zephyr Engines For O/H. Reinstalled O/H
				cylinder w/ new gasket kit and new intake
				hose. Replaced all valve cover gaskets
				w/new. Drained oil and removed Filter.
				cut and inspected Filter. All (✓) good.
				Serviced w/ 7qts Phillips X/C 20w50
				and new oil Filter. Replaced Induction
				air Filter Element w/new. (✓) mag timing
				Cleaned and tested Plugs. Drained carb. / Inbed
				controls. Ground run and leak (✓) Good.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				I certify this engine has been inspected
				IAW a 100hr inspection and has been
				Determined to be in airworthy condition.
				A&P 3700212

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Inspected IAW 100HR Inspection and was determined to be in air worthy condition. A&P 3700212
8/1/17	2590.2			Performed compression ① 1) 77/80 2) 75/80 3) 70/80 4) 75/80 5) 75/80 6) 76/80. Drained oil and removed filter. Sent w/ AS100 Filter. Cut and Inspected filter. All ① good. Cleaned and gapped spark plugs. Inspected Induction and exhaust systems. lubed All controls. Removed generator and Rplc w/ new Plane Power ER14-50 Alternator w/ new Drive coupling. ① may timing.

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Cleaned engine. Ground run and leak ① good. I certify this engine has been Inspected IAW 100 hr Inspection and has been determined to be in Airworthy condition. A&P 3700212
2/14/	2653.2			Performed Compression ① 1) 65/80 2) 70/80 3) 72/80 4) 71/80 5) 73/80 6) 75/80. Drained oil and removed Filter Inspected Filter. Sent w/ 7 qts AS100. Cleaned and ① plugs. Replaced Induction Filter. Ground run and leak ① good. I certify this engine has been inspected IAW a 100hr Inspection and determined to be airworthy. A&P 3700212

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
6-28	2562	TSO	198	COMPRESSIONS #1 68 #2 76 #3 72 #4 76 #5 74 #6 76/80.
2013	FN6	TT	2562	DRAINED OIL, REMOVED & REPLACED OIL FILTER.
				SERVICED ENGINE WITH 8 QTS ASWCO. REPLACED AIR
FILTER. REPLACED OIL FILTER ADAPTER SEALS. INSTALLED NEW THROTTLE CABLE AND				
ROD-END. INSTALLED SKYTEK ENGINE START CONVERSION KIT. CLEANED & GAPPED				
SPARK PLUGS. CHECKED MAG TIMING. COMPLIED WITH ALL AD'S DUE CURRENT				
BI-WEEKLY PERIOD				
				I certify as of this date that this ENGINE has been inspected in accordance with LOOHR inspection and was determined to be airworthy condition. Total Time 2562 Tach Time 2562 TSO 198
				IA# 223273763

DATE ~~2011~~ 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2/1/15	2587.1		2587.1	Performed compression check. 1) 76/80 2) 78/80
				3) 80/80 4) 79/80 5) 77/80 6) 77/80. Removed number 1
				cylinder Assembly and sent to Zephyr Engines
				For repair due to lack of compression. Installed
				repaired cylinder with new gaskets and
				seals. Replaced Right muffler with all
				new clamps and hardware. Cleaned, inspected,
				gapped, and tested all spark plugs. Replaced
				Air Filter. lubed all control cables. ✓ mag
				timing. Serviced w/ Aeroshell 100w. Removed
				oil Filter, cut and inspected ✓ good. Replaced
				oil Filter. I certify this Engine has been

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/4/11	Tach			changed oil and filter, Serv with Aeroshell 100 50W
	2514			Compressionck over 80 1/64 2/72 3/70 4/72 5/72 6/72
	TSO			clean and gap spark Plug, set Timing, Drain
	150			Carb, check Throttle + Mixture cables, Replace
	TTEng			Airfilter, Lubed start cable, wash engine
	2514			and Ground Run
				I certify as of this date that this Engine has been inspected in accordance with 100 Hr inspection and was determined to be airworthy condition. Total Time 2514 Tech Time 2514 TSO 150
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
5/10/12	Tach			Changed oil and filter, Serviced with Aeroshell, 100 50W
	2536			Compressionck over 80 1/60 2/72 3/70 4/70 5/74 6/74
	TSO			clean and gap spark Plugs, check Timing, replaced
	172			Airfilter, Inspect Muffler, Drain Carb, wash
	TTEng			engine and Ground Run
	2536			I CERTIFY AS OF THIS DATE THAT THIS Engine HOWARD KEECH
				HAS BEEN INSPECTED IN ACCORDANCE WITH 100 Hr A+P 32501382 IA
				INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY
				CONDITION. TOTAL TIME 2536
				TECH TIME 2536 TSO 172

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/2/05	Tach			Changed oil and filter Serviced with Aeroshell
	2477			100, Compression ck 1/70 2/76 3/73 4/74 5/74 6/75
	TSO			clean and gap spark Plugs, set Timing.
	113			Drain carb, Replace Airfilter, Run engine
	TTEng			and leak check
	2477			
				I certify as of this date that this Engine has been inspected in accordance with 100 Hr inspection and was determined to be airworthy condition. Total Time 2477 Tech Time 2477 TSO
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/4/10	Tach			Changed oil and filter, Serviced with Aeroshell.
	2494			100 50W, Compression ck over 80 1/64 2/76 3/72 4/72 5/74
	TSO			6/70, clean and gap spark Plugs, set Timing
	130			Drain carb, Replaced Airfilter, Ground Run
	TT Eng			engine and Leak checked
	2494			
				I certify as of this date that this Engine has been inspected in accordance with 100 Hr inspection and was determined to be airworthy condition. Total Time 2494 Tech Time 2494 TSO 130
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/26/06	Tach			Changed oil and filter, Served with
	2424			Aeroshell 100 50W, Compression ok over 80
	TSO			1)74 2)75 3)73 4)74 5)72 6)73, clean and gap
	60			all spark Plugs, set Timing, Drain carb.
	TTEng			Replaced all exhust gaskets on Right side
	2424			Replaced Air filter, Run engine and leak
				checked
				I certify as of this date that this Engine has been inspected in accordance with 100 Hrs inspection and was determined to be in airworthy condition. Total Time 2424 Tech Time 2424 TSO 60
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
10/4/07	Tach			changed oil and filter Served with
	2456			Aeroshell 100 50W Compression ok over 80
	TSO			1)72 2)74 3)73 4)72 5)72 6)71, clean and gap
	92			all spark Plugs. set Timing, Drain
	TTEng			Carb.
	2456			Replace Air filter, Run engine and
				leak ok
				I certify as of this date that this Engine has been inspected in accordance with 100 Hr inspection and was determined to be airworthy condition. Total Time 2456 Tach Time 2456 TSO 92
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

This is to certify that the engine described hereafter has been overhauled to manufacturer's new parts limits by Zephyr Aircraft Engines, Inc. Engine disassembled, cleaned, and inspected in accordance with manufacturer's instructions. All steel parts magnafluxed. Reassembled in accordance with manufacturer's current overhaul manual. Engine test run. All applicable Airworthiness Directives are in compliance. See A.D. list supplied. A description of these repairs is on file at this agency under:

W.O. No. 24063 DATED 5/18/04

MFG. CONTINENTAL MODEL O-300-A

Serial No. 14450-D-9-A Time in svc.

Install 7/12/04 Tach 2364

ZEPHYR Aircraft ENGINES INC.

(813) 788-3305 • Fax (813) 788-4412
39320 Avenue B • Zephyrhills, FL 33542

F.A.A. APPROVED REPAIR STATION #VI4R597M

Authorized Signature

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8/10/05	Tach			changed oil and filter, Serval with 8oz
	2401			Aeroshell 100 Mineral oil Compression
	TSO			ck over 80 1/77 2/79 3/78 4/75 5/78 6/78
	37			clean and gap all spark Plugs set
				Timing, ground carb and Replace
				Air filter, Run engine and leak check
				I certify as of this date that this Engine has been inspected in accordance with 100 Hrs inspection and was determined to be in airworthy condition. Total Time
				Tech Time 2401 TSO 37
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	7/7/03	Tach		Changed oil and filter Serviced with 8 qt
		2335.9		Aeroshell 100 50w, wash engine, Compression CK
		TSO		1/72 3/73 3/65 2/70 5/74 6/74, drained carb.
		635.9		Inspect Muffler and repair baffling
				Replaced spark Plugs set timing. Replaced
				Air filter
				I certify as of this date that this Engine has been inspected in accordance with 100 Hrs inspection and was determined to be in airworthy condition. Total Time ____ Tech Time 2335.9 TSO 635.9
				HOWARD KEECH A+P 32501382 IA

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7/12/04	2364			Removed eng for overhaul
				A+P 32501382
7/12/04	2364			Install engine and all accessories
				Torque engine mount Bolts, Replaced Air
				filter, Serviced with 8 qt Mineral oil
				A+P 32501382
7/17/04	2365			Inspected filter, set Timing, check
	TSO			Mount Bolt Torque,
	1			I certify as of this date that this Engine has been inspected in accordance with 100 Hrs inspection and was determined to be in airworthy condition. Total Time Unknown Tech Time 2365 TSO 1
				HOWARD KEECH A+P 32501382 IA

DATE 2000 ~~19~~	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11/11/00	Tach			changed oil and inspect oil filter, clean +
	2284.3			gap spark plugs, set Timing, compression Test
	TSO			over 80 1/68 2/68 3/66 4/66 5/68 6/70. Drained Carb
	584.3			Removed Muffler and weld small hole, replace
				stack clamps, and 3 studs, re-install Muffler
				and shroud. Replace Air filter, Replace Induction
				Rubbers
				I certify as of this date that this Engine has been inspected in accordance with 100 hrs inspection and was determined to be in airworthy condition. Total Time Tach Time 2284.3 TSO 584.3

DATE 19___	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
2-15-02	Tach			Changed oil and inspect oil filter
	23080			Clean + gap spark plugs, set Timing
	TSO			Compression check over 80 1/70 2/61 3/60 4/60
	608			5/54 6/68. R&R # 5 Cylinder with 2 Hills
				overhauled cylinder, Serviced oil with
				6 qt Heroshell 100 mineral oil, Drained carb
				removed exhaust with new gaskets
				I certify as of this date that this Engine has been inspected in accordance with 100 Hrs inspection and was determined to be in airworthy condition. Total Time Tach Time 23080 TSO 608

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				CAV-AIR INC CAV-AIR , INC. 5500 N.W. 21st Terrace • #9 • Fort Lauderdale, Florida 33309 FAA Approved Repair Station • FBLR 821D
				12/17/98 - ENGINE -Cessna 172 serial number 46509 N-6409E Tach time 2188.1 Changed oil and filter. Serviced with Aeroshell 100W . Tightened oil filter housing and safety wired. Ran engine, no leaks detected. Ops check OK. Date 12/17/98 Work Order S3329 Tach 2188.1 **F.A.A Approved Repair Station FBLR821D** **Ft. Lauderdale Executive Airport, Florida** Cav-Air, Inc. Bryan Lenz

DATE 19 99	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
9/2/99	Tach			Drained oil and reserviced with Aeroshell
	22548			50W Inspected oil Filter, changed 48108
				clean and gap plugs, Drain carb bowl
	TSO			cleaned gascolator, check Timing
	5548			Compression ck 1/75 2/76 3/72 4/75 5/74 6/75
				I certify as of this date that this Engine has been inspected in accordance with 100 hrs Insp inspection and was determined to be in airworthy condition. Total Time Unknown Tach Time 22548 TSO 5548
				HOWARD KEECH A+P 32501382 IA

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1-JUN98	2134.9	Tach Time		Performed Differential Compression Check ① 75 ② 78
				③ 70 ④ 75 ⑤ 75 ⑥ 71 allowed 80psi; Drained oil,
				Removed, Inspected, & installed new oil Filter Assy;
				Removed, Inspected, and serviced spark plugs; Replaced
				old intake hoses on #2, #4, & #6 cyls; Resurfaced #2
				cyl exhaust port; Repaired engine baffles and
				replaced baffle springs; Replaced cabin door seal;
				Drained and inspected Gaskolator, replaced gaskolator
				screen and drain seal, Serviced engine w/ 8qts of
				Aeroshell 100W oil; Replaced all 6 exhaust gaskets
				Complied w/ AD 46-09-06 by installing Brackett Air
				Filter Assy. #BA-5110A; All work accomplished

DATE 1998	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	2134.9	Tach	Time	I.A.W. Appropriate maintenance manuals and
				instructions. I certify this engine was inspected
				I.A.W. 100 hr requirements and is found to be in
				airworthy condition at this time
				[signature] A&P 3464485
6-1-98	TACH	2134.9		INSTALLED CARBURETOR AFTER OVERHAUL BY
				SOUTHEAST FUEL SYSTEMS W/O# 29320. REPLACED
				CARB HEAT SCAT HOSE. [signature] A&P 2612219009

DATE 19__	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, REPAIRS, SERVICE AND ALTERATIONS (ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				Tampa Flying Service, Inc. Peter O'Knight Airport 825 Severn Ave. Tampa, FL 33606
				359. Smoff
Comp.	76-76-72-73-74-70			Total Time 2059. Date 4-10-97
change oil & f. filter & hose				I hereby certify that this aircraft (Prop) engine has been inspected in accordance
w/ K & S AS 100 oil. Clean				with an annual / & 100 hour inspection
+ gap all Plugs + refish leads +				and was determined to be in an air-
thru RR left muffler				worthy condition. All applicable air-
and hoses + install oil f. filter				worthiness directives thru 97-7
Kit Per STC SE 8409SW. See				reviewed and complied
Form 337. Lube Engine Controls				with. List attached in back of log.
Rig up stick O K				Ground run-up performed and all
				systems checked normal. Pertinent
				details on file under W.O. No. 41
				at Tampa Flying Service, Inc. FAA
				Approved Repair Station # EDER 175D
				(Authorized Signature)

DATE : 10/09/97 0300A W/O: 29708 PAGE: 1 of 1
AC S/N: 46509 14460-D-9-A TSN:UNK TSO:UNK
AC REG: N6409E ENG CSN:UNK CSO:UNK HOBBS:2097.5

REPLACED OIL FILTER ADAPTER CRUSH GASKETS WITH NEW P/N AN 900-28, (2 EA.)
RESEALED THROUGH STUD AND RETORQUED.
DRAINED OIL ,PROCESSED OIL SAMPLE, INSPECTED OIL FILTER, INSTALLED NEW OIL FILTER P/N CH48109, AND SERVICED WITH 8 QTS OF AEROSHELL 100W OIL.

I certify that this engine and or appliance identified above was repaired and inspected in accordance with current FAA Regulations and is approved for return to service.
Pertinent details of this repair are on file at this repair station under work order # 29708 dated 10/09/97
Authorized Signature
RAYTHEON AIRCRAFT SERVICES, INC. CRS# VG4R595M
2450 N. WESTSHORE BLVD. TAMPA, FL. 33607

DATE 19 95	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3/16/95	TACH: 1900.2			SMOH: 200.0 TOTAL TIME: 1900.2
	COMP CHECK: #1 76/80 #2 74/80 #3 72/80 #4 74/80			
	CHANGED OIL - CHECKED SCREENS - REPLACED AIR FILTER			
	DATE: 3/16/95 ENGINE TACH TIME: 1900.2			
	This aircraft has been inspected in accordance with ANNUAL inspection regulations, directives, and approved check lists. Safety criteria has been met and aircraft is approved for return to service. James L. Smith JAMES L. SMITH IA 254425479			

DATE 19 96	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
3-29	1939			
	Checked magneto to engine Timing, replaced four plug caps & one sleeve, replaced one spark plug P/N: RZM40E, replaced four exhaust risers & gaskets, checked all plug leads, Run-up & leak check good. Approve for return to service. — end —			

Airworthiness Approval Tag
Responsibilities
FAA Forms 8130-3

Tampa Flying Service
Peter O. Knight
825 Severn Ave.
Tampa, FL 33606

Total Time 1939 Date 3-29-96

I hereby certify that this ~~aircraft~~ engine has been inspected in accordance with an ~~annual~~ / a 100 hour inspection and was determined to be in an airworthy condition. All applicable airworthiness directives thru 96-06M reviewed and complied with. ~~List attached in back of log.~~ Ground run-up performed and all systems checked normal. Pertinent details on file under W.O. No. 5845 at Tampa Flying Service, Inc. FAA Approved ~~Repair Station~~ #. EDER475D

Thomas Garcia
(Authorized Signature)

DATE 19 94	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11 Apr 94	TACH	1896.0		COMPLIED WITH AD 93-19-04 (METAL FLOAT IN CARB) BY REPLACING FLOAT COMPLIED WITH AD 93-18-03 (CARB VENTURI) BY REPLACING VENTURI WITH ONE PIECE VENTURI - COMPLIED WITH AD 93-22-05 (AIR BOX CRACKS) BY INSPECTION
				James L Smith IA 25442547 9

DATE 19 94	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
20 Apr	1896.0	SMOH: 196.0	TT 1896.0	ANNUAL INSPECTION
	#1 76/80	#2 72/80	#3 72/80	#4 76/80
	#5 76/80	#6 79/80	Replaced Air Filter - Checked	
	Screens - Changed Oil - Returned To Service			
			James L Smith IA 25442547 9	

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				DATE: 7 Sep 92 TACH TIME: 1883.7 ENGINE SMOH 183.7
				This aircraft has been inspected in accordance with ANNUAL inspection regulations, directives, and approved check lists. Safety criteria has been met and aircraft is approved for return to service.
				James L. Smith
				JAMES L. SMITH
				IA 254425479

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
1 NOV 93	TACH 189.44	SMOH 194.4	TT 1894.4	
				COMP CHECK #1 76/80 #2 72/80 #3 72/80
				#4 76/80 #5 79/80 #6 79/80. CHECKED SCREENS
				CLEANED PLUGS - CLEANED SCREENS. CHANGED OIL
				COMPLIED WITH AD 93-18-03 BY INSPECTION. RETURNED
				ENGINE TO SERVICE. TACH TIME: 1894.4
				This aircraft has been inspected in accordance with ANNUAL inspection regulations, directives, and approved check lists. Safety criteria has been met and aircraft is approved for return to service.
				James L. Smith
				JAMES L. SMITH
				IA 254425479

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
				COMPRESSION #1 75/80 #2 72/80 #3 62/80 #4 70/80 #5 76/80 #6 74/80
				OIL CHANGED, SCREEN CK'D., FUEL SYSTEM
				TIMMED MAGS, CLEANED & GAPED PLUGS, CLEANED
				AIR SCREEN, CK. MOTOR MOUNTS, CONTROLS, ETC.
				CKD, AD'S 90-06-03 Date 8/1/91 total time 160.3 tach 1835.3
				78-09-03 R3 I certify that this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in airworthy condition Charles Pickard A&P 1279764

DATE 1992	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
7 Sep	1883.7			COMPLETED 100 hr ENGINE INSPECTION
SMOH	183.7			COMPRESSION READING (HOT) #1 78/80 #2 78/80
				#3 78/80 #4 73/80 #5 73/80 #6 78/80. CHECKED
				TIMING, CLEANED & POINTED PLUGS. DRAINED
				CARB AIR BOWL & REPLACED AIR FILTER
				CHANGED OIL & CLEANED SCREEN. LUBED
				THROTTLE & MIXTURE CONTROL CABLES ENGINE
				WASHED DOWN & TREATED WITH ACF 50
				NO LEAKS NOTED ON ENGINE RUN UP
				EXHAUST SYSTEM CHECKED.
				Ronald Flory A&P 389440597

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-1-90	TACH	1835.3		Performed 100 HR Inspection - Checked
				All compressions at 80 PSI #1 77 #2 72 #3 73 #4 69
				#5 75 #6 72 - Changed oil + checked screen
				Serviced with 8 QTS Aeroshell Oil - Cleaned
				Gapped Tested + Rotated all spark plugs -
				Replaced #1 + #3 Exhaust Risers due to
				cracks c/w AD 90-06-03 - Replaced
				oilseal and contact assy in RH Magneto -
				c/w AD 78-09-03 R3 Due 500 HRS - Replaced
				1EA REM-40E Spark Plug - Checked all controls
				For Freedom of Movement - Security + Proper
				Travel - lubed all controls - Performed
				(over)

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
8-1-90	TACH	1835.3		All other Routine maintenance due at this
				Time
				I certify this engine was inspected
				I/A/W an Annual Inspection and was ap-
				proved for Return To service at this
				Time
				RMDudley
				IA 2313282

DATE 1988	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
11-22	1			this Eng was Major O/H.
TSMOH	00	00		as Per Cont. service manual.
				All steel Parts Magnaflux By Aircraft
				Eng, Case ck for Cracks, all new Pistons
				Rings, Valves intake + Exhaust, All new
				Bearings, all new Connecting Rod Bolts +
				nuts, all Cam Followers Rebuilt 5 new
				one installed, Reuse Cam installed
				new Ign Harness installed, mags O/H
				starter insp, Gen insp, all six
				cyls Rebuilt By Chrome Plate, all
				cyls Chromed, All new Rocker Arms

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)
	All	new	Eng	Rubber Bushing installed
	All	yellow	tags	in Back of Log Books,
	Eng	test	Run +	test flown hrs. OK,
				Dennis L Norlandt
				A&E 1927638 IA.
5-4-89				I certify this Eng has been inspected
				in accordance with a 100 hr inspection.
				and found to be airworthy this date 5-4-89
				Tack Time _____
				Total Time _____
				All work recorded on W.O. # _____
				Signature: Dennis L Norlandt
				A&E 1927638 IA

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Cont. MODEL O-300A

SERIAL 14460-D9-A. TYPE CERTIFICATE

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT 6409E.

MINIMUM OCTANE FUEL OIL GRADE SUMMER WINTER

MAGNETO TIME POINT SETTING FIRING ORDER

SPARK PLUG GAP

MFG. RECOMMENDED OVERHAUL AT HOURS.

The Standard

ENGINE LOG

Roy McCallister

Book #1

Cessna

ENGINE

AND PROPELLER LOG

N 6409E SERIAL NO. 14460-D-9-A

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
BROUGHT FORWARD													
TOTALS													

Date 16 Mar 87 T.T. 1652.9
I certify that this A/C/Eng. has been inspected in accordance with a Annual inspection & has been found airworthy.
Sig. Robert L Miller
Cert. # A&P 1358295 IA

PROPELLER INSPECTION AND REPAIRS

INSPECTION DATE	INSPECTED BY	CONDITION	REPAIRS DATE	REPAIRED BY	REPAIRS MADE
4/7/88	TACH 1675.0 100hr. Inspection and Annual Relicence this date. Diff. Compression Check ① 80/73 ② 80/69 ③ 80/74 ④ 80/74 ⑤ 80/73 ⑥ 80/75 Install new Air Filter Elem. BA-6108 Check Air induction system. Inspect Intake and Exhaust systems. Check engine mounts for Cracks and distortion. Clean and gap spark Plugs. Check timing and magnetos. All AD thru 88-06-02 C/W or Inspected. Engine clean and run-up satisfactory.				RL Miller IA 1410304

I CERTIFY THIS AIRFRAME/ENGINE INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR. INSPECTION AND DETERMINED TO BE AIRWORTHY AT THIS TIME. TTA/C 1675.0 TT ENG 1675.0
TACH 1675.0 HOBBS — SMOH — STOH 865.0
S/LAST ANNUAL 23.0 AD'S THRU 88-06-02 C/W OR INSPECTION
DATED 4/7/88 SIGNED RL Miller
R.L. MILLER, IA 1410304

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5-21-84	Tach:		1510.9			Polarized Gen.					G. Earl McCracken A&P 442387765 for Coastal Planes Aviation, Valdosta, Ga.		
5-21-84	Tach.		1511.0			Replaced Voltage Regulator with a new one P/N 1118704 Delco Remy. Replaced Gen. fuse. Polarized Gen. Removed generator & found a grounded wire. Replaced same gen. with a new gasket. Changed oil and added 8 qts. Aeroshell 50W. Eng. run-up checked ok. G. Earl McCracken A&P 442387765								
9-21-84	Tack.		1549.1			Change oil and filter, add 8 qts Aeroshell 50wt. Washed Down Eng. Run up O.K. Waterford Aviation. Thomas H. Richardson A&P 2293530							
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Mar 5		1885						Tach		1574 T.T. Eng 1574		
	① Replace carb heat box shaft & bings ② Replace defective Exhaust Gaskets ③ change oil & clean screen. I certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition												
											Harry W Blagach	1563545 A&P	
	Date 27 March 86 T.T. 1617.0 I certify that this ~~AC~~/Eng. has been inspected in accordance with a Annual inspection & has been found airworthy. Sig. Harry W Blagach Cert. # A&P 1758298 IA												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											WATERFORD AVIATION INC.		
											12/4/81 date 1360 Tack I certify that	T.T. SMOH 1360	
											this Eng has been inspected in	T.T. ST.OH 550	
											accordance with an ANNUAL inspection		
											and is determined to be in Airworthy Con-	① 72 ② 70	
											dition.	③ 70 ④ 72	
											HARVEY W. BLISZACK A&E #1563545	⑤ 62 ⑥ 70	
											Harvey W Bliszack I.A		
		Routine Maintin											
7-2-82.		Tack 1383.6.									Change oil, Cleaned Screen, Add 8 qts 20-50		
											Washed Down Eng, Run up O.K. - END -		
											Waterford Aviation. Thomas A. Richardson		
											AP 2298530		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											WATERFORD AVIATION INC.		
											4/3/83 date 1427 Tack I certify that	① 72 ② 74	
											this Eng has been inspected in	③ 70 ④ 70	
											accordance with an ANNUAL inspection	⑤ 60 ⑥ 74	
											and is determined to be in Airworthy Con-		
											dition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A		
											WATERFORD AVIATION INC.		
											2-24-84 date 1429 Tack I certify that	① 76	② 76
											this Engine has been inspected in	③ 70	④ 74
											accordance with an ANNUAL inspection	5	⑥ 72
											and is determined to be in Airworthy Con-		
											dition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A		
											Routine Maintne		
											① change oil & screen Phillips 20W50 ② Rep # 5 cyl new rings		
											& exhaust valve Routine Maintenc		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	Min.	Total	TIME IN AIR Hrs.	Min.	Total	TOTAL TIME Hrs.	Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			Tach			1208.8			6-5-78				
											Changed oil, + cleaned screen		
											8 qts Aeroshell 40W		
											Waterford Aviation		
			2-28-80			T.T. 1256					Comp Test 1 70/80 3 70/80 5 70/80		
											6 73/80 4 60/80 2 70/80		
											Change oil Cleaned screen		
											add 8 qt Aeroshell 15-50 wt oil		
											Washed down Eng.		
											Thomas Richardson for		
											Waterford Aviation		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	Min.	Total	TIME IN AIR Hrs.	Min.	Total	TOTAL TIME Hrs.	Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											WATERFORD AVIATION INC.		
											11/7/80 date 1294 Tack I certify that		
											this Eng has been inspected in		
											accordance with an ANNUAL inspection		
											and is determined to be in Airworthy Condition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A.		
			1	74		2	77						
			3	77		4	66						
			5	66		6	77						
											① change oil & clean screen Phillips 20x50 ② Replace L Bank		
											Exhaust gaskets ③ repair mixture cable Bowling Mountain		
Aug 21 '81						Tach 1338.							
						change oil & screen Phillips 20w50 oil check compression							
						Install 11 SR 88 spark plugs. R&R Both mags Exchange							
						one with factory reman. overhaul the other: following Parts installed							
						1- 10-357164 coil: 10-357174 point: 10-51676 condenser: 10-27440 seal:							
BROUGHT FORWARD						10-51678 washer: 10-391213 screw: 10-51354 washer.							
TOTALS													
											H. Bliszack 1563545		

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
Rt.	MAG		10-	51	365-	39			5 6	LN	-21 # 585274	8-29-78	
L.	"		10-	51	365-	39			5 6	LN	-21 # 573209	TACH 1146.0	

WATERFORD AVIATION INC.

8-1-78 date 1146 Tach I certify that this Eng has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition.

HARVEY W. BLISZACK A&E #1563545

Harvey W. Bliszack I.A.

1) 75 2) 75
3) 74 4) 72
5) 74 6) 76

A.D 78-09-07 Rev. 7-3-78 c/w this date by inspection next. 100 stecki dur @ 1146. oil change Shell 40 W. install new Air filter Pontiac Mo. Hub

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			TACH	1170.9					11/8/78				

WATERFORD AVIATION INC.

Oct 1-79 date 1241 Tach I certify that this Eng has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition.

HARVEY W. BLISZACK A&E #1563545

Harvey W. Bliszack I.A.

Changed oil & cleaned screen serviced with 8 qts Aeroshell 30 W oil

A. A. A.
For W. A.

① oil change & clean screen ② Replace CHT lead cable ③ Pontiac Mounting

BROUGHT FORWARD

TOTALS

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											PONTIAC FLIGHT SERVICE INC.		
											Aug 18 76 date 994 Tack I certify that		
											this Eng has been inspected in		
											accordance with an Annual inspection		
											and is determined to be in Airworthy Condition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A.		

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											PONTIAC FLIGHT SERVICE INC.		
											Apr 8 74 date 337 Tack I certify that		
											this Eng has been inspected in		
											accordance with an Annual inspection		
											and is determined to be in Airworthy Con-		
											dition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A.		
											oil changed, routine maintenance		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											PONTIAC FLIGHT SERVICE INC.		
											8-8-75 date 964 Tack I certify that		
											this Eng has been inspected in		
											accordance with an ANNUAL inspection		
											and is determined to be in Airworthy Con-		
											dition.		
											HARVEY W. BLISZACK A&E #1563545		
											Harvey W Bliszack I.A.		
		① change oil				Aero-Shell			40W		screen OK ② Replace All Ex. Gaskets		
		③ Remove both mags &							install		now Bushings. ④ Routine Maint.		
			compression					1	62		2 60		
								3	65		4 62		
								5	70		6 68		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
7/26/72					TACH 8751								
					100 hour inspection completed								
					this date. I certify that this								
					engine is in airworthy condition.								
					AREO SHELL						40 W		
											Carlin Zurek		
											A&P 1904492		
6/27/73	Rebuilt Right Mag - Run UP - OK - W. E. Plattner A&E 1152924												
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
					PONTIAC FLIGHT SERVICE INC.								
					8-3-73 date 825 Tach I certify that								
					this Bry has been inspected in								
					accordance with an Annual inspection								
					and is determined to be in Airworthy Con-								
					dition.								
					HARVEY W. BLISZACK, A&E #1563545								
					Harvey W Bliszack I.A.								
			oil		changed Aeroshell 40W						Screen ok. Routine maintenance		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											JAN 4, 71	Task 784.	
											1. change oil 40W Shell		
											2. Replace d damaged prop with New		
											Mccally MCM 7655		
											Bliszack A&P # 1563545		
											MAY 28, 71	Task P020	
											oil change Shell 40W		
											Bliszack		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											PONTIAC FLIGHT SERVICE INC.		
											8/1/71 date 810.0 Tack I certify that		
											this Engine has been inspected in		
											accordance with an Annual Inspection		
											and is determined to be in Airworthy Con-		
											dition.		
											HARVEY W. BLISZACK ABE #1563545		
											Harvey W. Bliszack I.A.		
											Top overhaul this date see W.O. # 393		
											for details & parts. Eng. run up satisfactory		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
			July 8, 1990								Tack 732.		
											PONTIAC FLIGHT SERVICE INC. 7/7/90 date 732 Tack I certify that this Eng. has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. HARVEY W. BLISZACK A&E #1563545 Harvey W. Bliszack I.A.		
			1. Installed new A-C SR88 Spark plugs										
			2. Low prop spinner bulkhead										
			3. Aero shell Grow.										
			4. Installed Rebuilt starter										
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											Date 7-18-69 Total Aircraft Time 06189 I certify this	ARGUS MAINTENANCE	
											ENG. has been inspected in accordance with a 100 HR	DETROIT CITY AIRPORT - 839-4007	
											inspection and was determined to be in airworthy condition.		
											Signature R. Hensley A&P No 1723720		
											1. Replaced oil filter & cap.		
											2. Tightened both mags.		
											3. Changed oil, cleaned screen. Used 8 qts Aeroshell W 40 WT		
											4. Tightened #3 Intake Hose Clamp.		
											5. Lubricated Prop bolts		
											R. Hensley A&P 1723720		
											1 installed carb air filter		
											Robert E. Dalen A&P 1595587		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
10-22-69			TACH TIME			650.2							
			Changed oil used Aero Shell 40W Oil										
											James R Swetz A&P 1910192		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
AUGUST 6, 1968 TACH TIME 526.6													
CHANGED OIL - USED AEROSHELL 50W DET. OIL - 8 QTS.													
Bob Greene													
9-30-68 TACH TIME 554.2													
Changed oil - used aeroshell 50W Det. - 8 QTS.													
Skip Habler													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
Nov 26, 1968 Tach Time 575.3													
Changed oil, used Aeroshell													
50 W Det oil. A&P 1763405 Michael R. Todd													
FEB 11, 1969 TACH 582.1													
INSTALLED PROPELLER USED NEW PROP BOLTS													
Elliott Lake A&P 1678738													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											Feb 22, 1968 Tach time 443.8 Changed oil used aeroshell 20w 30 det oil. Michael R. Todd A+P 1763405		
March 1, 1968 Tach time 0446.60 Removed carb. had overhaul at Serv-Air Inc. F.A.A. Repair station #318, Install carb., adjusted mixture + idle settings, rigged throttle, mixture + carb. heat controls and spinned checked. Checked for leaks. Alfred Zerber P #1816340													
All SPARK Plugs Replaced R. Stein A+P 1494775IA													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
MAY 13-68 Tach Time 0484.9 Changed Oil, Added Aero Shell 100, Det. Robert R D Shumley A+P 1723720													
I certify that this aircraft, engine, has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition. TT 502.2 Tach 502.2 Signed Richard Stein Date 7-1-68 A & P no. 1494775 IA													
1. Changed oil used Aero-Shell 50# W(Det)													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											SEPT 7, 1967 TACH 384.1		
											1. OIL CHANGED USED AERO SHELL		
											#50 W (DET.)		
											2. OIL SCREEN PULLED, INSPECTED + CLEANED		
											3. TIGHTENED PUMP COVER SCREWS ON CARB.		
											Albert Cole, A+P1678738		
											Skylark FLYING SERVICE INC. 11201 CONNER DETROIT 13, MICHIGAN		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			Oct. 12, 1967			Tach Time 406.9							
			changed oil			used Lucker State							
			50 wt. non. det.			michael R. Todd A+P 1763405							
											Skylark FLYING SERVICE INC. 11201 CONNER DETROIT 13, MICHIGAN		
			NOV. 28, 1967			TACH TIME 417.6							
			CHANGED OIL - USED AERO SHELL										
			30W (DET.) Bob Greene										
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
5-2-65									2014		For Year 18 hrs Periodic Insp. and note o/k/ I certify that this airplane has been Inspected in accordance With a periodic insp + was determined to be airworthy Willis Fire A&P 1202554		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
June 9, 1966 tach 2298 - 100 hour inspection - changed oil - cleaned all fuel and oil screens - serviced air filter - cleaned + gapped spark plugs - checked magneto points and timing - checked starter and ignition brushes C/W AD 66-5-4 on card - checked exhaust system, engine controls and mount + compression O.K. I certify that this engine has been inspected in accordance with a 100 hr inspection sheet and was determined to be in airworthy cond. Edward Colombo P# 1637942													
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	5-	5-	64	-	Total time						1861.		
			Periodic inspection completed this date										
			Exhaust stack inspected 5-8-8-h C/W										
			Spark plugs checked, Engine and accessories										
			Inspected for airworthiness in accordance with CAM 18.30-18										
											Date 5-3-64 "I certify that this aircraft has been inspected in accordance with a Periodic inspection and was determined to be in airworthy condition." Herbert N. Green HERBERT N. GREEN Inspection Authorization No. 7504		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
3-10-62											INSTALLATION OF 35 AMP GENERATOR PER CESSNA KIT AK-172-31		
											ADDITION OF 6 LBS AT -6.8 INCHES SEE SHEET ATTACHED TO 337 DATED 8-29-59		
4-19-62											T.R. 159.2. CHECKED ALL CONTROLS FOR FREEDOM OF MOVEMENT +		
											OPERATION. CLEANED PLUGS CHECK TIMING - CONDITIONED		
											WITH AD 62-26-2 INSPECTED HEATER MUFFS +		
											NO CRACKS FOUND -		
											I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED		
											IN ACCORDANCE WITH A PERIODIC INSPECTION + WAS		
											FOUND TO BE IN AIRWORTHY CONDITION		
											Fred L McClellan		
											A+P 1358298		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M. Ground	R. P. M. Air	TIME ON GROUND Hrs.	TIME ON GROUND Min.	TIME ON GROUND Total	TIME IN AIR Hrs.	TIME IN AIR Min.	TIME IN AIR Total	TOTAL TIME Hrs.	TOTAL TIME Min.	REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
											For Year 9 hrs.		
											I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED		
											IN ACCORDANCE WITH Phase 1 INSPECTION		
											AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
											Willis Free		
											WILLIS V. FREE		
											A & P 1202554		
											TOTAL TIME 168.2 DATE 4-5-63		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
											April 26, 1960 Periodic insp. completed this date total tach time 37.0 hours, changed all shaped screws checked timing and mag points cleaned & regapped spark plugs. I certify that this aircraft has been inspected in accordance with a periodic inspection and was determined to be in airworthy condition. Paul B. Bukes A&E # 460475 Jack W. Wignall A&E 12357		
BROUGHT FORWARD													
TOTALS													

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
									125		April 10, 1961 Periodic Insp. completed this date to Oil Stayed Screen Cleaned. I certify that this Engine has been Inspected in accordance with a Periodic Insp. & was determined to be airworthy Willis Fry A&P 1202554		
BROUGHT FORWARD													
TOTALS													

ENGINE DESCRIPTION

Mfgr. Continental — Place — Date

Type Horizontal Opposed — Model A-3-300-A — Serial No. 14460-D-9-A

Rated H.P. 145 — Maximum H.P. 145 — Weight (Dry)

Rated R.P.M. 2300 — Maximum R.P.M. 2300 — Oil Pressure

Bore — Stroke — Displacement — Cu. In.

Compression Ratio — Supercharger Ratio — Gear Ratio

Propeller McCauley — Hub Design 1A170 — Hub Serial No. 67996

Blade Design — Blade Serial No. — Blade Serial No.

Maximum Hub H.P. — Maximum Blade H.P.

Pitch ~~54"~~ 55" — Diameter 76" — Length

Owners Name

Address — City — State

ENGINE LOG

DATE	R. P. M.		TIME ON GROUND			TIME IN AIR			TOTAL TIME		REPAIRS - ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
	Ground	Air	Hrs.	Min.	Total	Hrs.	Min.	Total	Hrs.	Min.			
1954				10			100		1	10		N. Feese	
BROUGHT FORWARD													
TOTALS													