

N 314 00

The Standard



ENGINE LOG

closed 6/31/1993

ENGINE RECORD — GENERAL INFORMATION

MANUFACTURER Lycoming MODEL O-320-D3G

SERIAL C-8271-39A TYPE CERTIFICATE _____

THIS ENGINE IS CURRENTLY INSTALLED IN AIRCRAFT _____

MINIMUM OCTANE FUEL _____ OIL GRADE SUMMER _____ WINTER _____

MAGNETO TIME _____ POINT SETTING _____ FIRING ORDER _____

SPARK PLUG GAP _____

MFG. RECOMMENDED OVERHAUL AT _____ HOURS.

engine remanufactured by Precision A/C
(see blue engine log)

The Standard



ENGINE LOG

DATE 1985	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.)
7/25	5903	on 400		Engine was removed from Airplane
	4445	on 76C		N 9776C and installed into N31400
				1615 hrs SMOH
				Casey Curtis A&P 899850679
		100hr Insp		
8-8-85	Jack-5914			Change oil 20-50 XC
				Install new oil filter. cleaned adjusted
				4 tested spark plugs
	#1- $\frac{74}{80}$			#2- $\frac{67}{80}$
				#3- $\frac{66}{80}$
				#4- $\frac{76}{80}$
				engine & engine compartment cleaned David Kipper
				A&P 272866 FA
8-26-85	Jack 5970			50hr Insp. Change oil XC 20-50
				clean lower spark plugs & wash engine down
				Dress paint propeller. David Kipper
				A&P 272866 FA

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10-25-85	#1- $\frac{75}{80}$	#3- $\frac{60}{80}$	#2- $\frac{71}{80}$ #4- $\frac{70}{80}$	10 hr inspection completed this date Jack 6125 hrs
7:25				Service of both magnetos to engine. Cleaned & adjusted of tested spark plugs changed oil Phillips XL 20/50 - Installed new CTH 8110 oil Filter Drained fuel sump, washed engine to engine compartment, engine test Run OK David H. Kipper ACP 272866TA
8-3				
8-7				
11-4-85				50 hr maintenance schedule, changed oil with 20/50W X/C, oil filter, cleaned: lower plugs, adjusted mag timing, repaired alternator brackets, restuffed left front seat with foam rubber, removed and cleaned starter and bendix Left mag. time 645 hrs. 699 hrs. Right mag. time 1219 hrs. Tach 6182 hrs. SMOH 1004 hrs Casey Linto

A&P 949550679

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.)
		TT 6195		
11-	11-85			Left mag replaced S/N 5059142 Factory remanufactured. Casey Curtis A&P 97556679
11-25-85		Tach 6271		100hr Insp change oil 2050C Installed new oil filter CH48110. cleaned set gap & tested spark plugs #1- $\frac{74}{80}$ #2- $\frac{76}{80}$ #3- $\frac{68}{80}$ #4- $\frac{68}{80}$ OK David L Kipper A&P 272866FA
1-23-86		Tach 6271		50hr inspection changed oil 20-50XC cleaned & adjusted & tested all spark plugs. Wh system inspected insp in general. washed engine down David L Kipper A&P 272866FA

DATE 1986	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.)
2-7-86	Tork	6277		Installed new airform vacuum pump Serial # 11 AA 006178 David Kipper APL 272866A
4-01-86	Tach Time	6328	OK	Removed #2 and #3 cylinders Replaced exhaust pushrod and tube and seated valves on #3. Seated exhaust valve on #2. Cleaned parts and reinstalled cylinders. Ground run and flight test OK 6319 hrs Carey Curtis APL 499850679
4-7-86	180 hr	Torp.		new REM-NOE spark plug installed new H8110 oil filter installed. engine inspected compression Differential #1- $\frac{70}{80}$ #2- $\frac{67}{80}$ #3- $\frac{64}{80}$ #4- $\frac{76}{80}$

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5-15-86	70th	6358		Change oil XC 20-50 - Check Magnets at Mag timing Clean & test Lower spark plugs Wash upper down Dress propeller & paint David L. Kipper APP 272866TA
6-23-86	100th	6413		Inspection changed shell w #100 Clean & test spark plugs check magnet timing change oil to shell CH 48110 - Overhaul counter all cyls of one 64/80 David L. Kipper APP 272866TA
8-17-87	6415	hr		50 hr Inspection Oil Change Shell w # 100 David L. Kipper APP 272866TA

DATE 86	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.)
12-4-86	6457	Tach	0 smott.	Engined major overhaul engine parts list in back of book 100 hr inspection completed this date AD checked thru issue 86-20 Carylinton A&P 99850679
	Total Tach time 5000			
				<p style="text-align: center;">Engine</p> <p>I certify that this aircraft ^{engine} has been inspected in accordance with a Annual ^{Annual} inspection and was determined to be in airworthy condition. Total time for tach reading) 6457 Date of Inspection..... 12-4-86 Inspector: <u>David L. Kipper</u> A&P 272866FA</p>
2/3/87	Tach 6506			change oil shell W#80 - checked lower spark plugs. Wash engine down David L. Kipper A&P 272866FA

DATE 1987	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.)
3-3-87	6561		6561	<p>100hr Inspection this Date all spark plugs cleaned. 9 qt oil. Bomb tested changed oil filled with Shell #80W Installed new oil Filter FS 48110. new Muff Inspected engine inspected & washed down #1-74/80 #2-76/80 #3-76/80 #4-75/80 David L Kipper ATP 272866 FA</p>
4-6-87	Jork 6614			<p>50hr Insp & oil change Shell W 80 lower spark plugs checked for lead. engine inspected OK David L Kipper ATP 272866 FA</p>
5-7-87	6667			<p>100hr Insp completed, oil & Filter changed. Magnifying check of chain adjust & test spark plugs. engine inspected & washed down #1-75/80 #3-76/80 #2-76/80 #4-78/80 David L Kipper ATP 272866 FA</p>

DATE RECORDING TACH TODAYS TOTAL DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
 1987 TIME FLIGHT TIME IN SERVICE ENTRIES MUST BE ENDORSED WITH NAME, RATING AND CERTIFICATE NUMBER OF MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

10/2/87 6764.00 10abr Inspection
~~# 1-74~~ ~~# 2-72~~ ~~# 3-74~~ ~~# 4-74~~
 80 80 80 80

change oil shell w100 - put all new CR#8160
 oil filter. Mag timing checked
 spark plugs cleaned & p set & tested
 engine washed down. c/h system
 checked. air filter checked.
 condenser screen & fuel filter cleaned
 David L Kipper APR 272866FA

12-1-87-Jack 6820- change oil shell #65. Cleaned
 lower spark plugs. Inspected winter
 shield over oil cooler David L Kipper
 APR 272866FA

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12-30-87	Tach Time	6847	390	SMOTT I certify this ^{engine} airframe has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition David L. Kipper A/P 272866IA
2-5-88	6857	10 hr	Imp	# 1-70 # 2-71 # 3-70 # 4-72 Change oil shell # 65- Intad used CH48110 Filter Clean. adjust & test spark plugs. Tighten Belts on entire engine. Repair oil heat box, Repair Covering. Repair engine baffles. Wash and down. David L. Kipper A/P 272866IA
3-23-88	Tach	6907	50 hr	Imp Change oil shell 80W Clean & test lower spark plugs Inspect engine Installation David L. Kipper A/P 272866IA

DATE 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.)

5-17-88 6961 6961 Annual Inspection completed
 This Date. change oil Shell W100 new
 oil filter CH48110 - new spark plugs removed
 engine. washed down & inspected
 # 1- $\frac{80}{70}$ # 2- $\frac{80}{72}$ # 3- $\frac{80}{70}$ # 4- $\frac{80}{72}$
 engine removed accordingly David Kipper
 APP 272866 FA

6-13-88-Josh 7011 50 hr insp. change oil Shell
 W100. checked lower spark plugs feed
 inspected engine David Kipper
 APP 272866 FA

7-20-88 7057 100 hr insp #1- $\frac{80}{72}$ #2- $\frac{80}{74}$ #3- $\frac{80}{74}$
 #4- $\frac{80}{78}$ change oil Shell W100 - installed
 new CH48110 oil filter cleaned & inspected
 & tested ports & plugs. timed at mag to wear
 David Kipper
 APP 272866 FA

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.)
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8/26/88	7110			50 hr Insp - change oil Shell 100 cleaned to ground spark plug worked engine down David K. Kepper ATP 27286 DA
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11/10/88 TACH TIME 7147.51 TTSMOH 690.51
 Changed oil & filter checked filter checked
 OK serviced with Aero shell 100w 8qt.
 Cleaned oil plugs tested and gaped checked
 Compression #1 70/8 #2 74/80 #3 72/80 #4 72/80
 Replaced Carb Seat Box with New, 72K Carb. for
 overhaul see serviceable tag. Replaced drive shaft
 bag end plate and bumper operational check OK
 Replaced oil valve cover gaskets. Replaced induction
 air filter due repair at 7247.51 Replaced Breaker
 assembly on R/H & L/H mag. Replaced Back & Gear
 assembly in L/H mag. LW-16702 oil additive was added

AGE →

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.)
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- CONT -

to oil pan engine checked for leaks, no
leaks found at this time.

This ~~aircraft~~/engine has been inspected in
accordance with Annual
inspection and determined to be in air-
worthy condition for return to service.

Date 11/10/88 Total Time 7147.51

Signature Steve Mendenhall

Number 540467501 IA

J. C. PITTS AVIATION, INC.
DBA ONTARIO FLIGHT SERVICE
581 SOUTHWEST 33RD STREET
ONTARIO, OREGON 97914
503 889-9197

11-16-88 TACH TIME 7149.35 removed GA mag cleaned
contact points internal and installed on engine
operational OK Steve Mendenhall 540467501 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.)
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12/28/88 TACH TIME 7193.76 Changed oil & filter.
 Checked filter checked OK. Added W-16702
 oil additive to oil. Ran engine checked for leaks
 no leaks found at this time.
 George Mendelsohn 54046750/FA

1/11/89 TACH TIME 7201.6 changed oil & filter checked
 filter ch OK oil sample take W-16702 added to oil
 oil was changed because of slight excess on last oil
 sample inspected found Dip stick upper in three
 places ~~and~~ sent in new sample. Change oil again
 in ten (10) hours. Ran engine checked for leaks
 no leaks found. George Mendelsohn
 54046750/FA

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	
1/31/89	TACH TIME		7226.0	TSMOH 769.0 changed oil & filter checked filter for metal none found oil this time air sample taken, LW 16702 added to oil checked oil secure ch ok fan engine checked for leaks no leaks found Jerry Mendenhall 540467501 IA
2/1/89	TACH TIME		1680.79	Replaced oil. Suppressor Jerry Mendenhall 540467501 IA
3/28/89	TACH TIME		7293.0	TSMOH 836.0 changed oil to SHELL 100W. LW 16702 Added to oil. changed oil Filter, checked old filter for metal none found. no oil leaks. J. B. Lopez AEP 528461629

DATE 19 <u>89</u>	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.)
4-6-89	7300.5		7300.5	<p>100 hr completed this date spark plugs changed & tested. oil changed. Shell W100. Installed oil filter CH48110.</p> <p># 1-76 # 2-77 # 3-79 # 4-77 80 80 80 80</p> <p>David L. Kipper App 272866 FA</p>
5-8-89	7350.		7350	<p>50 hr inspection change oil Shell W100- 8 qt. Inspected lower spark plugs. Remove cover & inspect for oil leak. OK. Greased propeller & painted Dual Block. Engine and cover washed down. Magna covered up & engine run OK</p> <p>David L. Kipper App 272866 FA</p>

Engine

DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
6-14-89	7397		7397	100hr insp. change oil shell 100W installed new oil filter CH48110. cleaned fuel screens. cleaned & set gap. tested spark power compression #1-75 #2-78 #3-76 #4-78 engine washed down David L. Kipper ATP 272866FA

7-19-89			7449	Completed 50 hr inspection changed oil Aeroshell 50W and filter CH48110, cleaned engine Lopez ATP 528461629
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ANNUAL Inspection of Engine 1989

8-21-89	7496		7496	TSMOH 1039.0 changed engine oil & filter, serviced w/100W shell 9qts. & CH48110 filter cleaned &apped spark checked plugs, engine timing ok, compression is as follows #1 = $\frac{70}{80}$, #3 = $\frac{71}{80}$, #2 = $\frac{71}{80}$, #4 = $\frac{70}{80}$ David L. Kipper ATP 272866FA
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DATE 1989 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 MECHANIC OR REPAIR FACILITY. (SEE BACK PAGES FOR OTHER SPECIFIC ENTRIES.)

10-6-89 7346 50 hr w/p of oil change checked #100 add 4 qt #16702 Oil Engine inspected OK David L. Kipper APP272866FA

11-16-89 TAC 7595.5 S.M.O.H. 1139.5 Engine given 100 HR

Engine Total Time 6139.0 Inspection. Changed oil to Acrosnell 15-50. Changed Filter - no metal found. Installed new spark plugs Rem 40E. Installed new Alternator Drive Belt. p/n 452-541. Painted Engine Lycoming Gray. Compression checked as shown on this page. Washed down engine. AD's checked Thru 89-15-10. Engine Ran - All systems Normal - NO oil leaks I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be Airworthy. David L. Kipper APP272866FA

COMPRESSION CHECK					
#1	#2	3	4		
65	73	68	71		
80	80	80	80	80	80

DATE 1990	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.)
1-11	7646			50 HR Inspection. Changed oil SHELL 15-50, installed 6 Fluid Ounces of Lycoming P/N LW-16702 oil Additive. David L. Kipper APP 272866IA
2-27-90				Engine total time: 6239.0 Tach: 7695 Time since major overhaul: 1239.5 Engine given 100 Inspection. Changed oil Shell 15-50, changed Filter CH48110 cut Filter no metal found, cleaned & Gapped & tested spark plugs, checked Compression - see left. Complied with Stick mageto Service Bulletin # SB-186B on ^{left} both magnetos, Washed Engine. I Certify that this Engine has been inspected in accordance with a 100 HR Inspection and was determined to be Airworthy David L. Kipper APP 272866IA

COMPRESSION CHECK	#1	80
	#2	80
	#3	80
	#4	80
	727474	

DATE 1990	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.)
Tach	7701			Installed New Brackett Induction
				Filter P/N BA-16
				✓ Repair AEP 528461629 IA
	7745			50 hr inspection, change oil
				Shell 15W50 MultiGrade. Engine
				Inspected & found OK David L. Kipper
				A172728667A
6-21-90	Tach	7798	T. T. 6342	SMOH 1342
				100 hr inspection completed this
				Date, change oil shell 15-50, changed
				Filter ch 48110 no metal found,
				Installed Factory new LH magneto
				model 4271 and timed to engine.
				Installed new over voltage control
				P/N FOC 4002-B. Engine run up and
				found AEWorthy
				✓ Repair AEP 528461629 IA

DATE 1090	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.)
8-24		Tach 7845	Total: 6389	SMOH: 1389
				50 Hour inspection completed this date. Oil changed - shell 15/50. checked Exhaust system, intake system, cleaned engine, Dressed prop. Returned engine to Service of Roger AEP 528461629IA
10-31		Tach 7894	Total: 6438	SMOH: 1438
				Annual inspection completed this date. changed oil Aeroshell 15/50 - changed Filter, checked Compression Replaced one spark plug, cleaned Gapped Tested all others, Replaced one primer line. Test Ran engine and determined Airworthiness at this time David L. Kinner AEP 272866IA

COMPRESSION CHECK					
#1	#2	#3	#4		
72	66	74	74		
80	80	80	80	80	80

DATE RECORDING TACH TIME TODAY'S FLIGHT TOTAL TIME IN SERVICE DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
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1991
 -91 8051 8051 50 hr inspection change oil
 Shell 15-W50 ad engine controls
 inspected, propeller blades dressed
 & painted David L Kipper App 272866 IA

DAVE KIPPER
 A & P 272866 IA

10-4-91 8092 ~~8092~~

Annual inspection
 change oil, shell 15-W50. new oil filter
 CH48100, clean, adjust, test spark plugs,
 check magneto timing to engine
 impulse check due at 8298 hr
 pressure test cph system. Dress
 propeller paint both surfaces.
 Wash engine down, #1-76, #2-73, #3-73
 #4-77. EIT 3-93-ADS checked for
 compliance through 10-4-91

Tach: 8092
 total: 6636
 SMOH: 1636

DAVE KIPPER
 David L Kipper A & P 272866 IA
 App 272866 IA

DATE 1991	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.)
11-11-91	8145			50hr Inspection & Oil Change Shell 15-W50 - Installed Wester Shielder oil cooler Inspected engine & washed down David Kipper AWP 272866 IA DAVE KIPPER A & P 272866 IA

Dec 18 1991

Tach: 8190 Total: 6734 SMOH: 1734

100 HR Inspection Completed this date.

Changed oil - Aeroshell 15/50 - changed
oil Filter, Replaced Engine induction Filter
BA-16, Replaced Alternator Drive Belt,
checked Compression as follows: #1-76
#2-73 #3-72 #4-76, Repaired
Alternator Bracket and Capacitor Bracket,
Tightened all oil Pan Bolts, checked Engine
Timing, Tested - cleaned and Gapped all spark
plugs, checked Exhaust system with pressure, lubed
starter drive, Repaired chaff wire - out

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				(Cont from preceding page) Engine Found Airworthy and Returned to Service J Roper AEP 528461629 IA
Jan 17 1992				50 HR Inspection Completed this date... Changed oil Aeroshell 15/50 Removed oil quick drain, Replaced Carb Air Heat duct, washed down engine. Engine Found Airworthy and Returned to Service J Roper AEP 528461629 IA
	Tach: 8237			
	Total : 6781			
	S.M.O.H : 1781			
Feb 13 1992				
	Tach 8282.0			
				Total: 6826 S.M.O.H: 1826
				100 HR Insp Completed at this time, changed oil Aeroshell 15/50 - Changed Filter, cut old filter - no metal found, see Compression Readings at Right, Repaired static suppressor Bracket, cleaned Capped & Tested spark plugs,
	#1 80/76			
	2 80/79			
	3 80/74			
	4 80/77			

DATE 10/42	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.)
4-19	5380			<p>Engine Total: 6924 SMOH: 1924</p> <p>100 HR Inspection Completed this date. changed oil - Actoshell 15/50 changed Filter - old Filter cut and inspected - no metal Found.</p> <p>checked Compression as follows: #1 80/66 #2 80/68 #3 80/60 #4 80/70.</p> <p>Removed Carburetor and sent to JEG Aero Carburetor, Inc for complete over haul, new Bearings and Bushings Replaced in starter, Repaired loose Alternator mount, Repaired Broken Alternator Ground cable, spark plugs cleaned gapped and inspected, welded crack in exhaust stack, All AD notes checked and ok/w - true this date</p> <p style="text-align: right;">✓ Paper ACP 5284616297A</p>

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.)
April 29	8432			<p>50 HR Inspection Completed This Date. Changed oil Shell 15/50 lubricated and inspected All Engine Controls David L. Kipper AWP 272866 IA</p> <p style="text-align: right;">DAVE KIPPER A & P 272866 IA</p>
June 12	8487			<p>Engine total time 7024 SMOH 2024 100hr inspection completed to this date changed oil - Aeroshell 15/50, changed filter (CH 48110) cut open filter found no metal. Checked compression cylinders #1 #2 #4 all were within specs #3 cylinder replaced with a reconditioned cylinder complete with valves and new rings. Cylinder installed checked and test flown, found no problems. Magns checked for timing ^{to} with the engine. Spark plugs cleaned and tested. Exhaust checked no cracks over →</p>

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				All ADs notes checked through this date, I certify this engine has been inspected in accordance with a 100hr inspection and was found to be in air worthy condition. Kurt <i>[Signature]</i> 549963333 H/F
July 24	8529 A/D 92-15-16 does not comply float was not replaced (DOM)		7073	SMOTT 2073 50hr completed to this date changed oil Aero shell 15/50 8 Quarts lubricated and inspected all engine controls Kurt <i>[Signature]</i> 549963333 H/F
August 31	8572		8572	SMOTT 2116 100hr inspection completed on this date, changed the oil with 8 Q 15/50 Aero shell and inspected oil screen no metal particles found. Checked compression all above QA ⁶² starter removed for overhaul bench checked and installed and found OK. Crack repaired in exhaust and checked and found OK.

DATE 1092	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.)
NOV 2	8667			<p>Annual Inspection Completed This Date. Oil changed - Aeroshell 15-50, Filter changed & cut. no metal found, Repaired Alternator mount, cleaned - Gapped & Tested spark plugs, Timed Both Magnets to Engine, Pressure checked Heat mufflers & Exhaust system for leaks, checked & lubed all Engine Controls, Replaced Rear Propeller Bulkhead with factory new part, cleaned Engine with Solvent. Engine Found Airworthy and Returned to Service.</p>
Compression				
# 1 - 77				
# 2 - 75				
# 3 - 69				
# 4 - 77				
				<p>David L. Kupper AIP 272 & 66 RR</p>

DATE 1943	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.)
2-11	8718		8718	<p>50hr inspection completed on this date Changed the oil and filter with 8Q 15/50 Aeroshell washed the engine down with solvent engine found airworthy and returned to service Kent Ellenheimer 549963333 AIP</p>
3-29	8763		8763	<p>100hr inspection completed on this date changed the oil and filter with Aeroshell 15/50 Compression completed as follows #1 69/80 #3 79/80 #2 74/80 #4 76/80, cleaned and gapped spark plugs Timed both magnetos to the engine, pressure checked the exhaust system engine washed with solvent Engine found airworthy and returned to service Kent Ellenheimer 549963333 AIP</p>

DATE 1942	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.)
46	8773		8773	Remove Alternator for repairs and reinstalled back on airplane test ran and found no problems Kurt Ottenheimer 549963333 A+P
5-753	8776	540	8776 8776	100 hr inspection completed on this date compression checked as followed #1 70/80 #2 75/80 #3 70/80 #4 74/80 changed the oil and filter with 8Q of 15/50 Aerashell Replaced the contacts in left mag. inspected the prop and spinner clean and gapped the spark plugs Engine found airworthy and returned to service Kurt Otten 549963333
6-7-93	8932			50 hr inspection completed on this date changed oil and filter with 8 Q of 15/50 Aerashell inspected engine cleaned engine cleaned and dressed prop Engine found airworthy and returned to service Kurt Otten 549963333

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.)
6/21/93	TACH: 8968			Changed oil w/ AS 15/50 insp.
TAF 8968				filter intervally - OK - CK Compression
SMOH: 2511				1) 75 2) 69 3) 74 4) 70/80
				EK mag timing @ 25° BTDC L+R.
NOTES Next 100				Cleaned, gapped, tested & rotated
M. due @ Tech;				spark plugs, dressed & painted
9063.				prop. Service eng, AW 100 hr
				items PSMCL. Insp. eng & Prof AW
				100 hour & was found to be in
				an airworthy condition
				Sam A. Myers
				AP 5508266341A
				ENG Remove from N3/400
				eng airworthy when removed,
				@ SMOH = 2561.
				ENG TT = 7559.0
				Myers AP 5208266341A

