

ENGINE DESCRIPTION

Mfgr. <i>Continental</i>	Place	Date	
Type <i>H opposed</i>	Model <i>0-470-R</i>	Serial No. <i>132855-6-R</i>	
Rated H. P. <i>230</i>	Maximum H. P. <i>230</i>	Weight (Dry)	
Rated R. P. M. <i>2600</i>	Maximum R. P. M. <i>2600</i>	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller <i>McCaughey</i>	Hub Design <i>2A340-66</i>	Hub Serial No. <i>66-2249</i>	
Blade Design <i>90A1-8</i>	Blade Serial <i>C4359345</i>	Blade Serial	<i>C4557145</i>
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch <i>High 22.0°</i>	Diameter <i>82"</i>	Length	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3/21/52	1700			<p>Engine given Major-overhaul. Cylinders reground to +.015" oversize. All new Exhaust seats installed, New Exhaust valves + guides, intake valves refaced + New Guides installed. Cylinders blasted + painted. All new Exhaust Flange studs. All internal stressed steel parts magnafluxed. Crankshaft std and within factory new limits (All new Pistons) installed. All new STD Bearings (New Piston rings) +.015" one new Piston pin. +.015"</p> <p>All new Gaskets + Seals. New Seal in Starter Commutator dressed. No work accomplished on Alternator. New Cams - Breaker sets + oil seals in both mags. All new Spark plugs. Carburetor cleaned + new Gasket set installed. Prop Governor not overhauled. Propeller overhauled by McCawley. See release in back of Book. Engine run in on Ground + Air approx 3 hrs. Operation ok. Engine released for Service. Idle adjusted to Approx 575 RPM. I certify that this powerplant has been inspected in accordance with a 100hr inspection and was determined to be in</p>		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 71 June 28		1804	00	Compression checked. All Cyls. better than 76/80. Oil screen changed. Firming up checked. Right mag. new. Primary & New distributor & gear installed. Plug cleaned. Induction System tightened. Oil changed. Carb. Controls checked. Preflight check out OK.		
				1804:00 hrs June 28, 1970	Martin Gibson A+P 650-416-1A.	
				I Certify that this Powerplant has been inspected in person & found with no satisfactory condition and was determined to be in compliance with conditions.	Martin Gibson A & P 650-416-1A.	

HOURS 10THS

1896

Compression check. #1 cyl. 77/80, #6-76, #3-78
#2-77/80, #5-78, #4-77/80

Oil screen cleaned. Oil changed. Magn. Timing
checked. Alternator & Starter checked. Carb. and
temperature system checked. Air filter changed.
Exhaust system checked. Hose clamps checked and
tightened on induction system. Spark plugs
cleaned and checked. Engine preflighted. OK.
I certify that this Powerplant has been inspected
in accordance with an Annual inspection and was
determined to be in airworthy condition.

Merlin Gibson

A+P 650416 - 1A1

1896 hrs total
Sept. 22, 1971

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 71 Dec 28,		1994	75	<p>Compression check #1-78/80 #2-57/80 #3 78/80 #4-70/80 #5 70/80 retained Polysulfide and oil screen Carb checked Muffler & exhaust system checked and tightened, Idler belt tightened and changed Induction system tightened Starter checked engine security checked. Preflight checkout OK. I certify that this Powerplant has been inspected and found to be according with a 100 hr inspection and was found to be in Airworthy Condition.</p>	<p>AD</p> <p>Martin Gilson</p> <p>ATP 65041167A</p>	

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5/72						
		2073				
		2093.1	1	<p>Compression checked all cylinders. Spd or better spark plugs cleaned. Left mag removed. New Dist block installed. New Distributor, rotor and drive gear. Mag reinstalled and timed. Pt mag retimed. Oil screen cleaned. Alt. magnetos + Starter checked. Oil changed. Exhaust + heater system checked. All controls checked. Engine Security checked. Prop. checked preflight check out OK.</p> <p>I Certify that this Aircraft has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy Condition.</p> <p>April 22, 1972 2093.1 hrs total</p>	<p>Marlin Gibson</p> <p>ATP 650406-1A</p>	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 72						
July 11		2198	38	Plug cleaned. Magnets timing checked. Oil screen cleaned Oil changed. New Oil separator Vent hose installed New hose on gas line heater Alternator belt checked. Starter brushes checked. Ruffles and engine security checked. Engine washed Prop Generator Control only. I Certify that this Power plant has been inspected in accordance with A 100 inspection and was determi ed to be in air worthy condition. 2198.38 hrs total July 11/1972	Martin Gibson ATP 658416-1A	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
872						
873		2291	41	<p>Compression check #1 $2\frac{7}{80}$ #2 $2\frac{7}{80}$ #3 $2\frac{7}{80}$ #4 $2\frac{7}{80}$ #5 $2\frac{7}{80}$ #6 $2\frac{7}{80}$. Plugs checked, Magns + Timing checked, Oil screen checked Oil changed. Exhaust system checked. New studs in #5 exhaust port and new gaskets in #1 and #5. Alternator + Belt checked. Starter checked. All security checked. Carb Controls checked. No major work required at this time.</p> <p>I Certify that this Power plant has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition.</p> <p>Oct 3 1977 2291.41 hrs total</p>	<p>Mark Gibson A+ P 658416-FA</p>	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
19 <u>73</u> <u>Feb 2</u>		<u>2393</u>	<u>9</u>	<p>Spark plugs cleaned, Magn checked, Compression checked. Oil Lvs, 79⁰⁰ oil, except #1 baffling. 72/80 alternator bracket removed and a rock welded. Belt tightened, Valve worn in breather, fine covered with hose and secured to prevent chaffing. All Exhaust system checked. New Distributor block installed. Imp right mag approx 20 hrs back. Preflight check out O.K.</p> <p>I certify that this Powerplant has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy Condition.</p> <p style="text-align: right;"> <u>Marlin Gibbon</u> ATP 650416 </p>			
				total time			
				<u>2393.9 hrs</u>			
				<u>Jan 2 1973</u>			

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
4-23-73		2500		Compression check #1 70% #2 75% #3 75% #4 75% #5 75% #6 70% Oil changed Oil screen checked. Magn checked. #14 Cyl bank plug-lead repaired. Alternator ground wire repaired. Oil filter cleaned. Engine security checked. New oil pressure gauge line base installed. Starter checked. Exhaust system checked. Carb Throttle shaft + bushings need to be replaced. Parts are on order. Preflight check out OK.		
				I Certify that this powerplant has been inspected in accordance with a 100hr inspection and was determined to be in Airworthy Condition.		
				April 26 1973		
				Martin Gibson		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 73 June 15		2598	-	<p>Compression checked all Cyls good approx 75/80. New spark plugs installed. New generator belt installed. Plug wires repaired as required. New Carburetor throttle shaft bushing & seal installed. Carb Jitter adjusted. Fuel trimmer cleaned. Oil changed. Oil screen cleaned. engine security checked O.K. Tref light check out O.K.</p> <p>I Certify that this Powerplant has been inspected in accordance with a 100hr inspection and was determined to be in <u>Airworthy</u> condition.</p> <p>2598 hr total time June 15, 1973</p>	<p style="font-size: 2em; margin: 0;">75/80</p>	
					<p style="font-size: 1.5em; margin: 0;">Martin Gibson</p> <p style="font-size: 1.2em; margin: 0;">AIP 65-0416-1A.</p>	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
Aug 7 1973		27	02	<p>Compression checked #1 - $7\frac{1}{2}/80$ #2 $7\frac{5}{8}/80$ #3 $7\frac{3}{8}/80$ #4 $7\frac{1}{2}/80$ - #5 $7\frac{7}{8}/80$ #6 $7\frac{1}{2}/80$ all good. Magns checked. New Conns + Points installed in both magnetos, Magns retined to engine. Plugs cleaned. New plug installed in top of #5 Cylinder. Oil level checked OK. Air Filter cleaned. Starter brushes wearing but serviceable. Oil changed. minor nicks smoothed in propeller. All controls checked. Preflight check out OK.</p> <p>I certify that this Powerplant has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition</p> <p>Aug 7 1973</p>	<p>Marlin Gibson</p> <p>A + D 457416-6A</p>	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 53 Oct 23		2779	18	Installed (4) Four new Ford Motor mounts Martin Gibson ATP 650416		
Nov. 7		2800	-	<p>check Compression all Cylinders better than 75% lbs. Spark plugs changed. Magn checked left magnets retimed. Carb Jets checked air filter cleaned. Motor mount cleaned and repainted behind exhaust Manifolds then stainless steel heat shield installed between Manifold and engine mount. Oil change and Oil screen checked. Engine security checked. No repair required at this time.</p> <p>I Certify that this Power plant has been inspected in accordance with a 100 hr inspection and was determined to be in <u>Airworthy Condition</u></p> <p>Nov. 7, 1973 M. D. D. A.</p>		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
74 April 10		2901		Plug cleaned. Compression checked. Results noted on Record Cover. #1 Oil shows Ex Valve leakage should be checked again soon. New Condenser installed in left Mag. Timing checked. Right mag retimed. Left exhaust manifold repaired by welding on Patch plate should be replaced soon as available. Muffler crack welded around outlet stack. Oil changed. Oil pump checked. starter commutator brushes checked. Engine security checked. All controls checked. Air filter cleaned. operation ok throughout range.		
				I Certify that this power plant has been inspected in accordance with 200 hr inspection and was determined to be in Airworthy Condition April 10, 1974 2901 hrs.	Marlin Gibson ATP 658/416-1A	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 74						
TR				May 2 new muffler & pipes installed 2900+ hrs.		
2300+ hrs	5#	78		#1 73 #2 75 #4 75 #6 73 1# 72	Telgen John Johnson	
			80			
July 24	3008			Installed new Magnet distributor rotor Big plate + New points in left Mag. Mag retained.		
				Compression Check #1 - 70/80 #2 96 #3 77 #4 75 #5 76 #6 78		
				Pleas changed Spark plug elbow repair on #2 Cylinder		
				Distributor Cap in left mag tightened in case by tapping for #10-32 screws in place of 8-32. New Exhaust manifolds both right and left and New Muffler installed at 2900+ hrs		
				After last inspection all new gaskets used. Engine security and security of all components checked. Alternator and starter O.K.		
				Preflight check out O.K. -		
				I certify that this Powerplant has been inspected in accordance with an annual inspection and was determined to be in		
				airworthiness for flight.		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 74						
Sept 23		3101	7	<p>Plugs cleaned, Timing checked, Compression checked all Cyls very good. Oil screen cleaned, some rust removed. Oil filter to be from Bad impulse coupling replaced with magnetron Aug 26 '74. Fuel injection and exhaust systems checked. Carb and Prop Carb checked. Engine mount security checked. other points as requested.</p> <p>I certify that this Powerplant has been inspected in accordance with a 100hr inspection, and was determined to be in Airworthy Condition.</p> <p>Sept. 23, 1974</p> <p style="text-align: right;">Marlin Gibson A+P 650/416-1A.</p>		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
75 Feb 7		3201		<p>Plugs checked & gapped some new plugs installed as required Compression checked All lights between 171 + 2570 Oil screen checked & cleaned - no foreign particles found. New right Magneto installed Complying with A.D. Note # 74 - All engine controls checked Engine security checked as other Maintenance required at this time.</p> <p>I Certify that this Powerplant has been inspected in accordance with a 100 hr inspection and was determined to be in Airworthy Condition.</p> <p>Feb 7, 1975 Marlin Gibson ATP 650416-1A</p>		

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
19 75 July 1		3305	-	<p>Engine major overhauled. All steel parts magnafluxed install new rod & main brgs. see lifters @ complete cyl. assy from Chrome Plate. Enc. Engine run in per Chrome Plate instructions. I certify that this engine has been inspected in accordance with a 100 hr inspection & the aircraft is approved for return to service. AP 74-18-5 CW Ted Robinson IA 1416193</p>			
23 Aug		3402		<p>I certify that this engine has been inspected in accordance with a 100 hr insp & the A/C is approved for return to service. Ted Robinson IA 1416193</p>			

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
12 Nov 75		3502		I certify that this engine has been inspected in accordance with a yearly inspection & the A/C is approved for return to service Fred Hoyle Kinner TA 1816103		
1976		3598.8		Plugs cleaned, Exhaust system checked, Security checked, Timing checked, Carb. Heat, Magnets & other components checked. Oil changed, Oil screen dismantled & opened and checked for metal and other foreign particles. Carb. Control checked. Engine checked for leaks and General Condition. I Certify that this powerplant has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition. Marlin Gibson A+P 650416-1A		
		3598.8 hrs				

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 77						
215	MAY 1977	TACH TIME 3749.39				
				COMPLIED WITH A CESSNA 100 HOUR INSPECTION CHECKLIST		
				REMOVED DOWNING AND PROP SPINNER. REMOVED LOWER SPARK		
				PLUGS DRAINED OIL AND CHECKED SCREEN FOR METAL - NONE FOUND		
				COMPRESSION CHECKED ALL CYLINDERS USING THE LEAKDOWN		
				METHOD. COMPRESSION READINGS ARE AS FOLLOWS:		
				#1 $\frac{7}{80}$ #2 $\frac{7}{80}$ #3 $\frac{7}{80}$ #4 $\frac{7}{80}$ #5 $\frac{7}{80}$ #6 $\frac{7}{80}$. REMOVED LOWER		
				SPARK PLUGS. INSTALLED A COMPLETE SET OF SERVICEABLE SPARK		
				PLUGS. CHECKED AND CLEANED THE FUEL SCREEN. CHECKED AND		
				TUNED MAGNETOS. HIGH TENSION CHECKED ALL IGNITION LEADS.		
				REINSTALLED A NEW BLO-PROF EXHAUST GASKETS #1 CYLINDER		
				INSTALLED TWENTY NEW EXHAUST STUDS AND BRASS NUTS.		
				INSTALLED FOUR NEW PUSHROD TUBE SEALS #5 CYLINDER.		
				INSTALLED EIGHT NEW INDUCTION SYSTEM HOSES USING NEW CLAMPS		
				AND NEW INTAKE PIPE HOSE GASKETS. REPLACED #3 AND #5		
				AND HOSE GASKETS. ADJUSTED GENERATOR DRIVE BELT		

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				PERFORMED A COMPLETE POST MAINTENANCE RUNUP AND OPERATIONAL CHECK OF ALL SYSTEMS. ALL SYSTEMS OPERATE NORMALLY. CLEANED ENGINE BEFORE RUNUP. CHECKED FOR OIL LEAKS AFTER RUNUP - NONE FOUND. TEST LUBRICATED ALL CONTROL LINKAGES. INSTALLED ENGINE COWLING.		
				I CERTIFY THIS <u>ENGINE</u> WAS INSPECTED IN ACCORDANCE WITH A <u>100HR</u> INSPECTION AND FOUND TO BE AIRWORTHY. DATE <u>18 MAY 1977</u> AT TIME <u>3749.39</u> BY <u>[Signature]</u> LIC. # <u>A511736512</u>		
18 May 1977				Annual Insp. completed. <u>[Signature]</u> <u>[Signature]</u> <u>[Signature]</u> all <u>[Signature]</u> 7.5. 3749.35		
				I CERTIFY THIS <u>Eng</u> WAS INSPECTED IN ACCORDANCE WITH A <u>100hr</u> INSPECTION AND FOUND TO BE AIRWORTHY. DATE <u>18 May 1977</u> AT TIME <u>3749.35</u>		

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				OIL CHANGE #50W - 3773.01 HRS		
	27 Jul 77			DIC SCREEN CLEANED & REPLACED	<i>[Handwritten Signature]</i>	
				7-28-77		
				Replaced right mag assy & lined to engine.		
				Ground checked ok.		
					<i>[Handwritten Signature]</i> ATE 378078	
					Memphis Aerial Corp	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 77						
8/29		3791	74	OIL COOLER REMOVED & REPAIRED FUEL STRAINER HOUSING REPLACED		
31 AUGUST 1977 TAKE TIME 3791.74						
INSPECTED INSTALLATION OF ^{THE} OVERHAULED OIL COOLER ASSY AND THE OVERHAULED MAIN FUEL STRAINER ASSY. BOTH PARTS WERE INSTALLED USING ALL NEW GASKETS AND SEALS. NO LEAKS WERE FOUND AFTER RUNUP. AIRCRAFT IS APPROVED FOR RETURN TO SERVICE						
					A. J. Schulz	A & P 1736512
10/21/77				OIL CHANGED - #48 OIL SCREEN REMOVED & CHECKED W/L.	W. Johnson	

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER	
		HOURS	10THS				
19 78	01 July 1978			TACH READS 3842.96. TTSMOH-537.00 COMPLETED A 100-HOUR INSPECTION THIS DATE. RAN ENGINE REMOVED COWLING DRAINED ENGINE OIL, CHECKED OIL SCREEN-NO METAL WAS FOUND. SERVICED ENGINE WITH 10 QUARTS OF 50W GRADE 100 AEROSHELL AD. OIL. PERFORMED A LEAD DOWN COMPRESSION CHECK. #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80 INSPECTED THE INTAKE AND EXHAUST SYSTEMS. REMOVED CLEANED AND RECAPPED ALL SPARK PLUGS. HIGH-TENSION CHECKED ALL IGNITION LEADS. CHECKED MAGNETO BREAKER POINTS AND MAGNETO TO ENGINE TIMING. CHECKED STARTER BRUSHES AND ALTERNATOR DRIVE BELT FOR CONDITION AND TIGHTNESS. INSTALLED NEW #1 AND #3 CYLINDER INTAKE HOSES. REMOVED ENTIRE EXHAUST SYSTEM FOR NUMEROUS LEAKS. SHAVED ALL 6 EXHAUST STACK FLANGES AND REINSTALLED USING NEW BID-PROOF GASKETS. INSTALLED A NEW ROCKER BOX COVER GASKET ON #2 CYLINDER. INSTALLED A NEW OIL DIPSTICK HOUSING TO CRANKCASE NOSE USING NEW CLAMPS.			

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
				<p>MANUFACTURED AND INSTALLED A NEW ENGINE CRANK CASE TO FIREWALL OIL PRESSURE HASE ASSY. CHECKED AND COMPLIED WITH ALL A.G. NOTES THRU 78-13. WASHED DOWN ENGINE WITH SOLVENT. REINSTALLED COOLING. ALL SYSTEMS OPERATIONAL AND LEAK CHECK OK ON A POST MAINTENANCE RUNUP.</p>		
<p>I CERTIFY THIS <u>ENGINE</u> WAS INSPECTED IN ACCORDANCE WITH <u>AIRWORTH</u> INSPECTION AND FOUND TO BE AIRWORTHY.</p> <p>DATE <u>07 July 1978</u> TACH TIME <u>3842096</u> BY <u>[Signature]</u> LIC.# <u>A1P1734512</u></p>						
<p>I CERTIFY THIS <u>engine</u> WAS INSPECTED IN ACCORDANCE WITH <u>AIRWORTH</u> INSPECTION AND FOUND TO BE AIRWORTHY.</p> <p>DATE <u>07 July 1978</u> TACH TIME <u>3842096</u> BY <u>[Signature]</u> LIC.# <u>241137407</u></p>						

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 79						
APR 12		3919	57	OIL CHANGE 10 QTS PZ #50 - OIL SCREEN REMOVED + CHECKED - NO METAL OBSERVED	W.C. Seeger	
1 SEPT 1979						
TACH 3957.18						
COMPLIED WITH A 100HR/ANNUAL INSPECTION. DRAINED OIL + CLEANED SCREEN. RESERVICED 10 QTS. S.O.A.D. CHECK COMPRESSION. ALL CYLINDERS ABOVE 72/80. CLEANED + GAPPED SPARK PLUGS. CHECKED IGNITION HARNESS. CHECKED MAGNETO CONDITION AND TIMING TO ENGINE. CLEANED CARBURETOR FUEL INLET SCREEN. PERFORMED ALL GROUND RUNS AND CHECK LIMITS. CHECK ALL A.I.D. NOTES.						
I CERTIFY THIS <u>ENGINE</u> WAS INSPECTED IN ACCORDANCE WITH A <u>100HR</u> INSPECTION AND FOUND TO BE AIRWORTHY.				I CERTIFY THIS <u>Eng</u> WAS INSPECTED IN ACCORDANCE WITH <u>Annual</u> INSPECTION AND FOUND TO BE AIRWORTHY.		
DATE <u>1 SEPT 79</u> TACH TIME <u>3957.18</u>				DATE <u>1 SEPT 79</u> TACH TIME <u>3957.18</u>		
BY <u>E. Rankin</u> LIC # <u>A-C 2197698</u>				BY <u>John Seeger</u> LIC # <u>I.A. 519008</u>		

REPAIR-

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIR-	
		HOURS	10THS		
12/12	3995 07	3995	07	OIL CHANGE 10 QTS AEROSHELL # 80 OIL SCREEN REMOVED & CHECKED, OK.	W. Legerson
2-80	4020 52	4020	52	OIL CHANGE 10 QTS AEROSHELL 15-50 OIL SCREEN REMOVED & CHECKED OK	W. Legerson
Dec 4, 1950	4055 00 4675	4055	00 4675	<p>Smooth. Checked timing + compression. Alternator belt removed and welded. Installed new alternator belt. Installed proper gaskets on oil screen Assy. Replaced fuel hose from main strainer to carb. Inspected control + operation of eng. Checked for fuel + oil leaks. Found OK. Inspected oil screen and cleaned + reinstalled. I certify that this engine has been insp'd by me in an annual inspection and was determined to be in a satisfactory condition. P.D.'s checked then 80-24. See W.C. # 769. J.E. Shields 1A 2177198.</p>	W. Legerson

UNIVERSAL AIR SERVICES, INC.
 SPRINGFIELD MUNICIPAL AIRPORT
 1251 W. BLEED RD.
 SPRINGFIELD, OHIO 45502
 (513) 324-0057

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8/19/81	TACH TIME	4107.50		Comp. CHECK # 177/80, #276/80		
#3 68/80		#472/80		#576/80, #674/80		
W.O. # 1089					Michael J. Koo	
				Ohio Air Maintenance, Inc.	INSPECTOR	
				FAA Certified Repair Station #C05-32		
				1251 West Blee Rd.		
				Springfield Municipal Airport		
				Springfield, Ohio 45502		
1-12-82				100hr check wash eng - clean gasculator screen - clean fuel		
				spark plugs - change oil - clean oil screen tube controls		
fac 4130				Compression check 1-70 2-76 3-71 4-72 5-76 6-75		
				DATE <u>1-12-82</u> TIME IN LOG BOOK		HRS.
1-12-82				"I CERTIFY THAT THIS AIRCRAFT HAS BEEN IN-		
				SPECTED IN ACCORDANCE WITH <u>annual</u>		
				INSPECTION AND WAS DETERMINED TO BE IN AIR-		
fac 4130				WORTHY CONDITION THIS DATE ONLY."		

ENGINE LOG ^{17 hrs overhaul}

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
2-3-82				Oil change 11 Qts Shell 15W 50 Oil SCREEN Removed + checked - No metal observed	Kevin [Signature]	
2-3-83				100hr inspection - change oil - clean oil screen - clean + set spark plugs - weld Right exhaust New exhaust study Nuts + gaskets - clean air filter - Wash eng. compression - Rebuilt both Magn.		
2-3-83				1-79 2-76 3-71 4-75 5-75 6-77 Overhaul both Magn using new Pabits	DATE 2-3-83 TIME IN LOG BOOK "I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION THIS DATE ONLY." SIGNED: <u>Arthur P. Hogan</u> ARTHUR P. HOGAN, A&P: I.A. 95586-41	HRS:

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
	2-10-84			100 hr inspection - change oil - clean & set spark plugs - check exhaust manifold - run up OK - Compression 1-74/12-74 3-74		
	tax 4272			4-78 5-77 6-74 AD 82-27-R1 N-A by Hub + Blade		
	Annual			So #	Atogian 95586-41	
	5-20-85			100 hr inspection, clean & set spark plugs - check exhaust syst. - New air. carb. filter. wash eng.		
	tax 4280					
					Atogian 95586-41	

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
5-20-85				DATE <u>5-20-85</u> TIME IN LOG BOOK _____ HRS. "I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN WORTHY CONDITION THIS DATE ON Y." SIGNED: <u>Arthur P. Hogan</u> ARTHUR P. HOGAN, A&P: I.A. 95586-41		
6-18-86				100 hr inspection - change oil clean & set spark plugs. Wash down cowling compression 1-75 2-75 3-75 4-75 5-75 6-75		
5/10/87	983					
					<u>Arthur P. Hogan</u> 95586-41	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6-18-86				DATE <u>6-18-86</u> TIME IN LOG BOOK		
				"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIR-WORTHY CONDITION THIS DATE ONLY."		
				SIGNED: <u>Arthur P. Hogan</u>		
				<u>ARTHUR P. HOGAN, A&P: I.A. 95586-41</u>		
				100 hr inspection compression 1-77 2-74 3-75 4-76 5-77		
				6-78 change oil 11 qts Aero Shell 11 qts 15W 50 WT.		
				check & clean oil screen, clean & set spark plugs		
				replaced all bolts and nuts on exhaust clamps		
				inspect exhaust system all OK. - installed new		
				half nut & cotter pin on throttle rod end. - New		
				E. G. T. installed to replace old E. G. T. #42396 and 42396-2		
				and 86155		

6-18-86
 Tac 4289
 SMOH 983

Tac 4296
 SMOH 991

INSPECTION

REPAIRS

DATE INSPECTED BY CONDITION

DATE REPAIRED BY

REPAIRS MADE

10-9-87

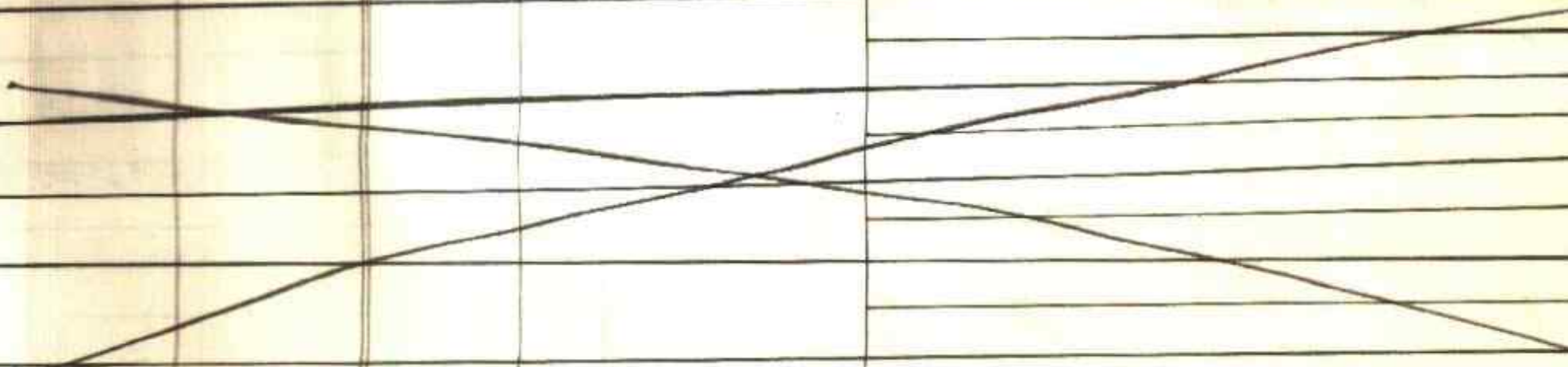
DATE 10-9-87 TIME IN LOG BOOK 991 MRS.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH Annual INSPECTION AND WAS DETERMINED TO BE WORTHY CONDITION THIS DATE ONLY.

total 991 SMOH

SIGNED: Arthur P Hogan

ARTHUR P. HOGAN, A&P: I.A. 95506-41



Date 10/3/88 Engine Time 1007.70 (Tachis 4312.60)

REPAIRS MADE

Installed the TAS-100 preheater system S/N 11795 in accordance with Tanis Aircraft Services instructions and drawings No. Rev. 1, Drawing # 100C

Name J. B. Bergen Mechanic# AP323269764

Serial # 7270-3593

2) Installed Precise Flight Standby Vacuum System in accordance with STC # SA 2102NM Cont. Engine ~~Manual~~ ~~SE 1780NM~~ SE 1780NM

3) Complied with Peterson STC for Auto Fuel, STC SA 2000LE (cessna kit # D29023)

4) Installed O.I Filter adapter and oil filter CH 48110, according to Cessna Maintenance

5) ~~Installed Cessna~~ Installed Bracket air filter

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
10/2/88		Removed battery		installed new Gill 635 battery	Jl B. Berg A&P 323269764
3/29/89		Changed oil - & oil filter.		Put in 10 qts. of Shell 15/50 Multigrade detergent oil.	4353.99 on Tach Jl B. Berg A&P 323269764. Also repaired slight fuel leak on fuel line going into
7/4/89		Changed oil & oil filter.		Put in 10 qts of Shell 15/50 detergent oil.	4410 on tach Jl B. Berg AP 323299764
				4418.67 46.55	1113.67 47.55

MEMORANDA

Date

10/1/29
 Task time = 4420.65 H OH = 1115.70 Prop 167 Total 4418.67, SROH = 1113.67
 Performed 100 hr inspection & annual. Checked all fuel & oil
 lines removed starter & reattached missing screw in wire.
 Check mag timing (it was fine). Cleaned plugs (spook) &
 inspected leads - including cleaning their ends. Checked & lubed
 all seals. Tightened all hoses. Performed compression check:
 #1 = $\frac{78}{80}$, #2 = $\frac{76}{80}$, #3 = $\frac{74}{80}$, #4 = $\frac{79}{80}$, #5 = $\frac{75}{80}$, #6 = $\frac{78}{80}$

I certify that this powerplant has been inspected in accordance
 with a 100 hr / annual inspection & found
 to be in an airworthy condition
 JTB Benja A/P 323268764

I certify this Engine has been
 inspected in accord...

Annual inspection and found
 to be in airworthy condition.

Rodney C. DeLuca

1A1551454

2/5/90 Task time = 4467.40. Changed oil & oil filter & used 10 gts. of
 oil. AA 323268764

MEMORANDA

Date	
4/15/90	Tach Time 4520.18. Changed oil & oil filter. used 10 gals. Aeroshell 15-50 Checked engine. Fixed "arm" on cabin heat flap on firewall. <i>W. J. Miller</i> 323219764
May 11, 90	4534.6 tach install STC SA 2350 NM digital EGT as per STC instructions. Work performed by T. Miller. For details see ECAS WO# 2615 ————— END —————
	<i>Tracy W. Denning</i> Insp. for Eagle Creek Aviation Services Inc. CRS-MV5R
May 4, 90	Replaced needle & seat, float & pump plunger assembly on Marvel Schubler MA-4-5 carb, Serial # 130-0-009 (See yellow tag.)
5/10/90	Removed Slick 662 mags & harness. Installed new slick 6210 mags - Serial # 89120138 & 89120074. Also installed new M2381 Slick harness

KAL-AERO, INC. AIRFRAME LOGBOOK ENTRY

NR 498EK MAKE CESSNA MODEL 182 S/N 57438
 PAGE 1 OF 1 HOBBS _____ TTAC 4559.4 LDG _____

Date

1. Removed, repaired, and reinstalled alternator p/n 10300J, ops checked OK.

-END-

The aircraft identified on this form was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and only that work performed is approved for return to service. Pertinent details of this repair are on file at this repair station under:

WORK ORDER # 99070 DATE 6/13/90 SIGNED Amnis Van Strien

KAL-AERO, INC. 5605 PORTAGE RD. KALAMAZOO, MI. 49002 CRS # 3240

6/16/90

Changed oil & filter @ 4560.00 hrs. Put in 10 quarts
 Amshell 50 as well as a filter. JBBergman 32326E704 (AP)
 Installed 4 new motor mount "donuts" (Cord rubber
 mounts # J6545-1). JBBergman AP32326E704. Also
 inspected motor mount

