

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

N1303S

**ENGINE
MAINTENANCE
RECORDS**

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
09/18/2023	N1303S	Tach: 3654.6	Hobbs: 3920.7	TSMOH ENGINE: 89.5 11/2022 TSMOH PROPELLER: 89.5 11/2022 - Changed oil and cleaned screen - Serviced with XC 20W50 - Cylinder Leakage test: #1 78 #2 70 #3 78 #4 78 #5 78 #6 76 / 80 - Performed borescope inspection of cylinders - Tightened all rocker cover fasteners - Installed missing bolt into oil sump and torqued all other oil sump bolts Inspected engine for an ANNUAL/100 HOUR INSPECTION as defined in 14 CFR appendix D to part 43. Engine found to airworthy at this time. Justin T. Dix A&P 3347687 IA  336-514-2724



RENNER AVIATION

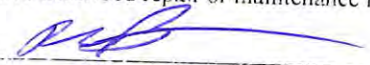
3600 Carol Kennedy Dr., San Andreas, Ca. 95249

Date: 12-6-2023 N1303S Engine Tach: 3698.5 Hobbs: 3971.3

Performed the following repairs and/or service items:

1. Changed oil and inspected screen, no findings. Serviced engine with 12 qts. Phillips 20W50XC oil. Removed oil screen and replaced with Airwolf remote oil filter STC. See Airframe logs this date. Run and leak check ok. Oil sample taken and submitted.
2. Removed carb bowl drain plug, cleaned and re-installed to manufacturers torque specifications and safetied. Leak check ok.
3. Replaced o-ring on starter with new p/n: AS3578-038 and torqued starter attach hardware per TCM SB96-7D. Starter removed to facilitate oil filter installation.
4. Removed lower spark plugs to purge oil pressure lines and installed spark plugs after cleaning, gapping and testing with new gaskets.

The above described repair or maintenance is certified airworthy and approved for return to service.

Signed 

Renner Brewer A&P/IA 3177530



RENNER AVIATION

3600 Carol Kennedy Dr, San Andreas, Ca. 95249

Date: 12-5-2024 N1303S Engine Tach: 3732.8 Hobbs: 4012.5 ETT: 3732.8 SMOH: 167.7

Compressions as follows: 1- 71/80, 2- 70/80, 3- 73/80, 4- 76/80, 5- 74/80, 6- 73/80

Complied with the following inspections and airworthiness directives:

1. Annual/100 Hour inspection per 14 CFR Part 43 Appendix D.
2. AD's checked thru this date, none due at this time.

Replaced the following items:

1. Oil filter AA48108-2
2. All spark plugs with new p/n URHM40E
3. Rocker cover gasket p/n SA534857 #2 cylinder

Performed the following repairs and/or service items:

1. Changed oil and filter, inspected old oil filter no findings. Serviced engine with 12 qts. Phillips 20W50XC oil. Run and leak check ok.
2. Boro-scoped #2 cylinder due to low compression 53/80 per TCM SB03-3, determined carbon build up on exhaust valve seat, valve face burn pattern normal. Lapped valve to seat with results as follows: cold compression 62/80, hot compression 70/80. Work performed per TCM O-470 Overhaul Manual X30586A as revised and TCM SB96-7D.
3. Timed right hand magneto to engine manufacturers specifications. run, leak and ops. check ok.
4. Corrected installation of inner cylinder baffles.

I certify that this engine has been inspected in accordance with an Annual/100 Hour inspection and was determined to be in an airworthy condition.

Signed 

Renner Brewer A&P/IA 3177530

[illegible]

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				TOTALS brought forward from previous page
Sparkchasers Aircraft Services, Inc. 3223-C Swift Creek Rd. (KJNX) Smithfield, NC 27577 (919) 934-1654 November 2, 2017 N1303S Tach: 3243.4 Hobbs: 3464.0 Cessna 182P ACSN: 18264869 Work Order No. 50804 Engine Log Entry Replaced cracked left exhaust stack with new stack assy from Aerospace Welding, stack installed using new gaskets. Ground run operation checked satisfactory. Performed work in accordance with Cessna 182P Maintenance Manual. Aircraft approved for return to service on work performed. <u>Bruce K. Gardner</u> AP 3371702				
11-3-17		3464.0		I certify that this engine has been inspected I/A/W an annual inspection and is approved for return to service. David Deal AXP 3227948 JA
11-01-18		3448.9		I certify this engine has been inspected I/A/W an annual inspection and is approved for return to service. #2 75/80 #279/80 #3 80/80 #4 77/80 #5 77/80 #4 80/80 oil changed hot with a 100/Shell 100 Timing checked. David Deal AXP 3227948 JA
11-10-19		3518.1		#1 76/80 #278/80 #3 80/80 #4 78/80 #5 76/80 #79/80 Oil & Filter changed hot. Filter cut open - no metal noted Timing checked. I certify
SUB-TOTALS this page				
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	3518.1			TOTALS brought forward from previous page
				This engine has been inspected I/A/W an annual inspection and is approved for return to service. David Deal AXP 3227948 JA
12-10-20	3414.6			#1 74/80 #2 80/80 #3 77/80 #4 73/80 #5 77/80 #6 78/80 Filter opened no metal noted. Timing checked and within limits Oil & Filter changed with 100 Shell 100
10/6/21	3435.5	TACH		Drained oil & replaced with 10 quarts Phillips Victory 100. Operational check good, no leaks noted, at this time. Winfield Scott Tanner 302947 AXP
Tanner Aviation Services, Inc. 559 Airport Road Erwin, NC 28339 (919) 814-0027 Make: Continental Registration: N13053S Model: O-470-S Serial Number: 464133 TT: 3483.8 TSMOH: 467.8 1. Test ran engine to operating temperature and complied with power-plant section of Cessna 182P annual inspection checklist. 2. Drained oil, cleaned oil screen, added 10 quarts of Phillips Victory 100AW aviation motor oil. 3. Checked cylinder differential compressions as follows: #1 75/80, #2 73/80 #3 22/80, #4 71/80, #5 69/80, #6 72/80. Master orifice reads 46. 4. Removed and replaced #3 cylinder after repairs and modification by Triad Aviation, Inc. Burlington, NC 5. Complied with FAR part 39, AD research through Bi-weekly 2021-24, see separate listing for AD compliance, and times. No outstanding engine AD's. 6. Removed and replaced all spark Plugs Champion RHM40E. 7. I certify that I have inspected this engine in accordance with a 100-hour inspection and find it to be in airworthy condition as of this date. Winfield Scott Tanner Winfield Scott Tanner A&P, IA 3012947 Date: December 10, 2021				

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
1 OCT 2015	92.9	3108.9		PERFORMED DIFFERENTIAL COMPRESSION CHECK: #1 78/80, #2 68/80, #3 68/80, #4 74/80, #5 70/80, #6 74/80 DRAINED OIL AND INSPECTED SCREEN, NO CONTAMINATION NOTED. OIL REPLACED WITH 10QT. ASROCASHLL W 100. ALL SPARK PLUGS CLEANS, GAPPED AND SWAPPED TOP TO BOTTOM, BOTTOM TO TOP. MAGNETO TIMING CHECKED AND SET TO CONTINENTAL SPECIFICATIONS. EXHAUST INSPECTION COMPLETED PROPELLER INSPECTED. I CERTIFY THIS ENGINE HAS BEEN INSPECTED IAW 100hr guidelines and is cleared for return to SERVICE David C. Taylor AEP 2628195
10/01/15	92.9	3108.9		I certify that this engine has been inspected IAW an annual inspection and found to be in airworthy condition. David C. Taylor AEP 322794
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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				TOTALS brought forward from previous page
01-09-14	241.7	3350.4		646238-2 PRESSURE STARTER REPLACED WITH OVERHAULED HARTZELL part # 646238-2 David G. Jansley DAVID H. TARPLEY 646238-2
11-1-17	3444.0			PERFORMED DIFFERENTIAL COMPRESSION CHECK - #1 74/80 #2 80/80 #3 80/80 #4 78/80 #5 78/80 #6 80/80 OIL DRAINED HOT. SCREEN INSPECTED. NO CONTAMINATION. 10 QT. AGROSHILL W/100 INSTALLED MAGNETO TIMING CHECKED @ 22° BTDC IAW CONMANETAR SPEC'S. EXHAUST & INTAKE MANIFOLDS INSPECTED. PROPELLER INSPECTED. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW 100 HR GUIDELINES AND IS CLEARED FOR RETURN TO SERVICE. David G. Jansley 2628195 A & P
				SUB-TOTALS this page
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				TOTALS brought forward from previous page

SWIFT AVIATION INC
121 OSWEGO RD
PLEASANT VALLEY NY 12569
845-677-6736

DATE: 08/06/08
TACH: 3015.2

PERFORMED DIFFERENTIAL COMPRESSION TEST ALL WERE 68/80 OR BETTER. CHANGED OIL & FILTER, INSPECTED SCREEN, CUT OPEN FILTER, NO CONTAMINATION WAS NOTED. SERVICED WITH AEROSHELL 15W-50. REPLACED AIR FILTER. SERVICED ALL SPARK PLUGS, CHECKED MAGNETO TIMING, INSPECTED EXHAUST. INSPECTED PROPELLER. OTHER ROUTINE MAINTENANCE HAS BEEN ACCOMPLISHED AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.

Walter T Wiemer
WALTER T WIEMER A&P 97485363 IA

SWIFT AVIATION INC
121 OSWEGO RD
PLEASANT VALLEY NY 12569
845-677-6736

DATE: 10/22/09
TACH: 3015.9

PERFORMED DIFFERENTIAL COMPRESSION TEST ALL WERE 68/80 OR BETTER. CHANGED OIL & FILTER, INSPECTED SCREEN, CUT OPEN FILTER, NO CONTAMINATION WAS NOTED. SERVICED WITH PHILLIPS 20W-50 X/C. REPLACED AIR FILTER. REPLACED ALL SPARK PLUGS, CHECKED MAGNETO TIMING, INSPECTED EXHAUST. INSPECTED PROPELLER. OTHER ROUTINE MAINTENANCE HAS BEEN ACCOMPLISHED AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.

Walter T Wiemer
WALTER T WIEMER A&P 97485363 IA

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				TOTALS brought forward from previous page

SWIFT AVIATION INC
121 OSWEGO RD
PLEASANT VALLEY NY 12569
845-677-6736

DATE: 06/05/13
TACH: 3016.0
TSMOH: 0

PERFORMED DIFFERENTIAL COMPRESSION TEST 1) 78/80, 2) 77/80, 3) 78/80, 4) 78/80, 5) 78/80, 6) 77/80. **PERFORMED MAJOR OVERHAUL** IN ACCORDANCE WITH TELEDYNE CONTINENTAL MOTORS O-470 OVERHAUL MANUAL. ENGINE HAD ONLY 76.7 HRS SINCE LAST OVERHAUL PERFORMED IN MARCH 1993 WHICH EXCEEDED MANUFACTURES RECOMMENDED TBO. INSPECTED CRANKSHAFT, CONNECTING RODS, CAMSHAFT, ACCESSORY DRIVE GEARS CYLINDERS & CRANKCASE. REPLACED THE FOLLOWING WITH NEW PARTS: CONNECTING ROD BEARINGS P/N SA530383 (STANDARD), MAIN & THRUST BEARING KIT P/N SA646589-A1 (STANDARD), ALL HYDRAULIC VALVE LIFTERS P/N SA628488, ALL GASKETS & SEALS, PISTON RINGS (SA4701-SC2), EXHAUST VALVES, VALVE GUIDES, VALVE SPRING RETAINERS, PISTON PINS P/N 539467, OIL FILTER, MAGNETO IMPULSE COUPLINGS & CONTACT POINTS. REPLACED AIR FILTER. SERVICED ALL SPARK PLUGS, CHECKED MAGNETO TIMING, INSPECTED EXHAUST. INSPECTED PROPELLER. SERVICED OIL WITH AEROSHELL 100 MINERAL. OTHER ROUTINE MAINTENANCE HAS BEEN ACCOMPLISHED AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.

Walter T Wiemer
WALTER T WIEMER A&P 97485363 IA

SWIFT AVIATION INC
121 OSWEGO RD
PLEASANT VALLEY NY 12569
845-677-6736

DATE: 08/22/14
TACH: 3017.6
TSMO: 1.6

PERFORMED DIFFERENTIAL COMPRESSION TEST 1) 75/80, 2) 76/80, 3) 77/80, 4) 75/80, 5) 77/80, 6) 75/80. CHANGED OIL & INSPECTED SCREEN. NO CONTAMINATION WAS NOTED. SERVICED WITH AEROSHELL 100 MINERAL. REPLACED AIR FILTER. SERVICED ALL SPARK PLUGS, CHECKED MAGNETO TIMING, INSPECTED EXHAUST. INSPECTED PROPELLER. INSTALLED CUSHION CLAMPS ON OIL PRESSURE HOSE. OTHER ROUTINE MAINTENANCE HAS BEEN ACCOMPLISHED AT THIS TIME. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION.

Walter T Wiemer
WALTER T WIEMER A&P 97485363 IA

06/05/15		MOBPS 3253.7	DIL DRAINED Hot and replaced with 10qt. AEROSHELL 100. DIL SCREEN was checked. NOTHING found. No display A&P 262 8195
06/05/15		3253.7	VACUUM PUMP 212CW replaced with 521 #163959 No display A&P 262 8159
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				TOTALS brought forward from previous page
5-17-96	3014.4	75.1	3014.4	PERFORMED DIFFERENTIAL TEST 1.68/80 2.68/80 3.68/80 4.68/80 5.68/80 6.68/80 7.68/80 8.68/80 changed oil & inspected screen checked mag timing, inspected plugs. Other ROUTINE maintenance HAS been accomplished At this time, I certify that THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100 HR. INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. WALTER T. WIEMER A & P 97485363 IA
8-21-97	3014.7	75.4	3014.7	Performed differential compression test: 1) 68/80 2) 68/80 3) 66/80 4) 67/80 5) 68/80 6) 67/80 Changed oil and serviced with Aeroshell 15W50, inspected screen, checked mag timing, inspected plugs, inspected propellar. Other routine maintenance has been accomplished at this time. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in airworthy condition. Walter T. Wiemer A+P97485363IA
				SUB-TOTALS this page
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			3015.1	TOTALS brought forward from previous page
9-23-98	3015.1	75.8		Performed differential compression test 1) 60/80 2) 74/80 3) 59/80 4) 75/80 5) 60/80 6) 65/80. Changed oil and serviced with Aeroshell 15W50, inspected screen, checked mag timing, inspected plugs, inspected propellar. Other routine maintenance has been accomplished at this time. I certify that this engine has been inspected in accordance with an annual inspection and has been found to be in airworthy condition. Walter T. Wiemer A+P97485363IA Walter T. Wiemer
				SWIFT AVIATION INC. RR 4 BOX 308 OSWEGO RD. PLEASANT VALLEY, NY 12569
				SWIFT AVIATION INC. 121 Oswego rd Pleasant Valley N.Y. 12569 DATE: 2/02/04 TACH: 3015.1 phone (845) 677-6736 Performed differential compression test 1] 68/80, 2] 70/80, 3] 70/80, 4] 71/80, 5] 69/80, 6] 69/80. Changed oil & filter, serviced with Aeroshell 15W-50. Replaced Air filter, Serviced plugs, Checked mag timing, Inspected exhaust. Inspected propeller. Replaced alternator belt. Other routine maintenance has been accomplished At this time. I certify that this ENGINE has been inspected in accordance With an ANNUAL inspection and has been found to be in airworthy Condition. Walter T Wiemer A&P97485363IA
				SUB-TOTALS this page
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8/16/93	2951.30	12.0	2951.30	change oil serviced w/ AeroShell 50 Mineral, inspected screen. Walt T. W. ADP 9745363

Date	8/7/93	A/C Reg. No.	N13035	FAR 91.411/413
A/C TT		A/C Model	C182	ELT Due
Tach	2971.8	Serial No.		Annual Due
Hobbs	3154.2			

Engine drained and serviced w/ 10gts 50W mineral oil, oil filter removed, inspected, cleaned and reinstalled. Leak check OK. *CPH* A+P 461218369



4912-B S. Collins • Arlington, TX 76018 • 817.467.4571 • 817.472.9725 FAX

changed engine oil. serviced with 15W50
Ground Run NO leaks noted at this date.
8/23/93 Glenn Barbauc A+P 453673215

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				TOTALS brought forward from previous page
4-7-93	3003.3	64.0	3003.3	Performed differential comp. test 1) 78/80 2) 77/80 3) 76/80 4) 76/80 5) 77/80 6) 78/80 changed oil serviced w/ AeroShell 15W-50 checked mag timing, serviced plugs, installed Exhausts other routine maintenance has been accomplished at this time. I certify that this engine has been inspected in accordance w/ an annual inspection & has been found to be in airworthy condition. Walt T. W. ADP 9745363 JA
5/15/95	3009.4	70.1	3009.4	Performed differential comp. test 1) 77/80 2) 76/80 3) 76/80 4) 77/80 5) 77/80 6) 76/80 changed oil & serviced screen No metal found Refill w/ 15W-50 AeroShell, checked mag timing serviced plugs. other routine maintenance has been accomplished at this time. I certify that this engine has been inspected in accordance w/ an annual inspection & has been found to be in airworthy condition Walt T. W. ADP 9745363 JA

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			2866.9	TOTALS brought forward from previous page
3-7-90				Replaced #4 cyl. Bottom Plug, cleaned & gapped other plugs. Installed repaired MAGNETO LT. SIDE. see the Rear of Log Book
				CAV-AIR INC. WO 4855 FAA Approved Repair Station #705-178 Ft. Lauderdale Executive Airport, Florida <i>Michael J. DeLuca</i>
3-24-90			2878.3	CHANGE OIL, CLEAN SCREEN WASH ENGINE & COWLING. SERVICED WITH AERO SHELL 100W OIL GROUND RUN OK.
				<i>Wmms 1000 A&P 2235947</i>
11/2/90	2900.9	1437.9	2900.9	COMPRESSION TEST #1 76/80 #2 70/80 #3 70/80 #4 75/80 #5 75/80 #6 72/80 clean & gap all PLUGS. Change oil clean & inspect screen service w/ AeroShell grade 80 Sae 40 For colder weather. Check mag timing & Exhaust, Inspect Prop, replace all Intake Hoses. Other routine maintenance was accomplished at this time. I certify that this engine was inspected in accordance w/ an annual inspection & was found to be in airworthy condition.
				Swift Aviation RR4 Box 308 Oswego Rd Pleasant Vly NY 12569 914-677-6736
				<i>Walter T. Wiemer A&P 97485363 IA</i>
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	2913.8	1450.8	2913.8	Performed differential compression test, 1) 65/80 2) 65/80 3) 74/80 4) 74/80 5) 73/80 6) 76/80 changed oil cleaned & inspected screen, checked mag timing replace impure coupling & stop pin plate on left mag. Serviced plugs. other routine maintenance w/ accomplished at this time. I certify that this engine has been inspected in accordance w/ an annual inspection and has been found to be in airworthy condition.
				Swift Aviation RR4 Box 308 Oswego Rd Pleasant Vly NY 12569 914-677-6736
				<i>Walter T. Wiemer A&P 97485363 IA</i>
4/9/82	2919.5		2919.5	Changed Oil w/ AeroShell SAE 50
3/2/88	2939.3	0	2939.3	Overhauled engine in compliance w/ continental overhaul manual, all service bulletins complied with to this date, all steel parts magnafluxed & inspected by Coastal Aviation Engines, Standard Bearings were installed, camshaft & hydraulic lifters were replaced w/ new parts, idler gear support & support shaft w/ replaced w/ serviceable units, connecting rods rebuilt. All accessories overhauled. oil pump gears magnafluxed & inspected by Coastal. Engine reinstalled w/ new cord mounts.
				Swift Aviation RR4 Box 308 Oswego Rd. Pleasant Valley NY 12569 STN ACES AIRPORT 914-677-6736
				I certify that THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100 HR. INSPECTION AND HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION. WALTER T. WIEMER <i>Walter T. Wiemer</i> A & P 97485363 IA
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ENGINE MAINTENANCE RECORDS

Log No. 2

Aircraft Registration No. N1303S

Engine Manufacturer CONT.

Model O-470-S

Serial No. 464133

Date installed on aircraft 6/3/76

Time Between Overhauls (TBO) 1500 Hours

If used on multi-engine aircraft:

☐ Right
☐ Front

☐ Left
☐ Rear

Cessna[®]



ENGINE

AND PROPELLER LOG

1

N

13034

SERIAL NO.

464133

ENGINE LOG

DATE		DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
19	89		HOURS	10THS			
June	28	1989			Tach 2798.2 Changed oil and cleaned (50W/40) screen. Cleaned spark and tested all spark plugs. Cleaned all fuel filters. Wash down engine and lubed controls. Ran engine. <u>10/11/89</u> <u>RAPI11525558</u>		
I certify that this Aircraft Engine has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in airworthy condition.					Comp check @ 72 @ 74 @ 72 @ 74 @ C03 @ 73		
Name <u>Peter W. Induct</u>					Replaced all spark plugs; changed oil and filter. Took sample for analysis. Installed new muffler assy. Installed new intake filter.		
Lic. # <u>1A105504228</u>					• Tightened Alternator belt. • Replaced 1/4 coupl flap and mount. Run up, leak check OK		
Date <u>10/11/89</u>							
TACH <u>2829.9</u>							

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ENGINE LOG

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
OCTOBER 8 1987				on this date I certify		
				that this engine/airframe was inspected in		
				accordance with a <u>ANNUAL INSPECTION</u> and was found		
				to be in airworthy condition.		
TACH	2671.2			R.B. Cronin MECHANIC		
TOTAL	2671.2			LA 23547376 A&P NUMBER		
				AVIATION ASSOCIATES Manchester, New Hampshire		
				1) C/W AD 86-24-07		
				2) CHANGED ENGINE OIL 12 QTS AeroShell 15W-50W OIL. CLEANED AND INSPECTED OIL SCREEN.		
				3) DRESSED AND PAINTED PROP		
				4) REPLACED #2 CYL ROCKER COVER GASKET		
				5) REPAIRED BROKEN WIRE ON ALTERNATOR		
				6) WASHED ENGINE		
				7) LUBRICATED ALL ENGINE CONTROLS		
				8) CLEANED ALL ENGINE FUEL SCREENS		
				9) C/W AD SEARLTH.		
				10) COMPRESSION CHECK GOOD #1 66/80 #2 64/80 #3 71/80 #4 70/80 #5 67/80 #6 72/80		

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ENGINE LOG

DATE 19	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
SEPT 16, 1988				1. CHANGE OIL, ADDED 12 QTS AEROSHELL 15W-50 2. CLEAN & INSPECT OIL SCREEN 3. COMPRESSION OK ALL GOOD 4. CLEAN & GRAD SPARK PLUGS 5. DRESS & PAINT PROPELLER 6. WASH ENGINE & COOLING		
on this date I certify that this engine airframe was inspected in accordance with an engine insp and was found to be in airworthy condition.						
TACH		R. B. O'Donnell MECHANIC				
TOTAL		123547376 A&P NUMBER				
AVIATION ASSOCIATES Manchester, New Hampshire						

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 5/24/86				Tach 2532.1		
				1) Tach 74, 74, 75, 78, 73, 76 / 80		
				2) changed oil & clean screen installed 10gts Phillips 20W50AD		
				3) ck mag timing		
				4) clean & gap 7 spark plugs w/ 5 plugs with new		
				5) filed prop		
				6) Gunked eng runup ck for leaks abo @ this time		
				<i>Elmer C. Long</i>		
				Dep 025576092		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 9/12/86				Tach 2586.9 Annual 86		
				1) comp ck 75, 69, 72, 74, 67, 70 / 80		
				2) changed oil & clean screen installed 11gts Peroshell 15W50		
				3) ck mag timing & points		
				4) clean & gap plugs		
				5) clean fuel screen & primers		
				6) file & point prop		
				7) w/ nt mag 1st drive gear		
				8) re-time both mags		
				9) w/ air filter element		
				10) w/ alt mt bushings		
				11) Installed Precise Flight Inc Stained by Vacuum		
				System STC#s SA2162NM & SE1780NM		
				58E 337 this date for info		
				12) Gunked eng runup ck for leaks abo @ this time		
				<i>Elmer C. Long</i>		
				Dep 025586092		

Fitchburg-Colonial Aviation
Municipal Airport
Fitchburg, Mass. 01420
617-345-0373

Date 9/12/86 Tach. 2586.9

I certify that this Engine has been inspected in accordance with ,
inspection and is in an
airworthy condition.

Ronald J. Lytle #IA1422817

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 8/15/85	Tach 2410.0					
	1) Comp CK 71, 72, 69, 72, 72, 74 / 80					
	CHANGED OIL & CKED SCREEN 20-40 Phillips					
	CLEANED AND GAPPED SPARK PLUGS					
	OK MAG LAMING, CLEANED PRIMER NOZZLES					
	& FUEL SCREENS, FILED & PAINTED PROP					
	CKED CONTROLS & LUBED, GONK ENG.					
	2) INSTALLED NEW ENG. INDUCTION AIR					
	FILTER. BRACKET					
	3) 1/2" AD-80-06-05 Imp Coupling Insp.					
	OK					
	4) Installed New EXHAUST GAS RATE					
	& 2, 4, 6 CYL					
	5) R&R ALT BELT & Adj. TENSION					
	6) R&R VAC REG FILTER					
	7) INSTALLED NOSE SEAL PLATE KIT					
	CONTINUED					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 8/15/85	Tach 2410.0					
	8.) R&R POINTS IN BOTH MAGS					
	9.) INSTALLED COWL FLAP BUMPERS					
	10.) R&R CABLE AT SCAT HOSE					
	R&R Reg OK					
	2449.9					
	11-20-85					
	change oil clean & gap plugs -					
	R. Clary - 1986667					

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 19 84	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
7/13		2186.5		I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AN AIRWORTHY CONDITION — <i>L. J. Dwyer</i> IA 1750367		
1-18-85		2248:6		1) Comp CK 76, 74, 76, 75, 75, 72/80 2) changed oil & ckd screen, ckd timing, cleaned & greased plugs, fuel pump, tightened induction hose clamps 3) Rep Carb. H/V Valve 4) Rep oil pump gage hose 5) Rep Cabin Heater Seat Hose 6) Rep. Alternator mount buswires & belt 7) cleaned & mounted engine mount & installed heat shields 8) Installed new fastener on Carb Air Box <i>L. J. Dwyer</i> Rep 1477827		
					Fitchburg-Colonial Aviation Municipal Airport Fitchburg, Mass.	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE 617-345-0373

ENGINE LOG

DATE 19 85	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
8 May		2285.1		1) change oil + clean oil screen - Added 11gts Phillips 20/50 ad 2) clean tg ap plugs - inst 1 new plug 3) comp ck 75, 74, 75, 76, 76, 74/80 4) Rtd Prop 5) CK'd mag Timing 6) Replace EGT probe 7) Replace 3 Stressed Rivets in Carb AIRBOX 8) Replace #6 gl induction Tube Hse 9) Run up ckd For leaks - none found @ this time Swd & Pisto ATP 022523451		
					Fitchburg-Colonial Aviation Municipal Airport Fitchburg, Mass. 01420 617-345-0373	

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
7/18/83	Tach			Reads 1977-3 Oil changed, screen OK OK. Refilled 12 QTS Phillips XC 20W-50 DIFF. Comp OK. #1-72/80 #2-70/80 #3-70/80 #4-70/80 #5-72/80 #6-72/80 Cleaned Gapped & CKed plugs - Installed 5 new plugs. Magns & Timing CKed OK. Removed & Replaced Helicorl #3 cyl Bottom Plug.		
				I Certify That This <u>Engine</u> Has Been Inspected In Accordance With AN McDAVID BROTHERS AVIATION, INC. BOX 4904 ASPEN, COLORADO 81612 Annual Inspection And Was Determined To Be In Airworthy Condition. Date <u>7/18/83</u> Total Time <u>1977-3</u> Sigsbee Signature <u>Joseph A. Klein</u> AIP 1495013 AI		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
12-15-83	Tach Time	2057.5		Changed oil, checked screen, checked cond. Filled with 11 qts. Phillips X-20W 50. Dressed and painted Prop. ————— and ————— Mark J. White AIP 386522139		
6-22-84				New ELT Battery Expires "OCT 86" Jefco Aeronics		
6-28-84		2163.8		CHANGE oil check screen L. & R. ——— AIP 1250357		
7/13/84		2186.5		TACH. CLEANED & GAPPED SPARK PLUGS. REPLACED EXHAUST GASKETS RT. SIDE. I CERTIFY THIS ENGINE HAS BEEN INSPECTED I. A. W. A 100HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Jim L. Boyd AIP 135386456		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
3/10/82	Tach Time 11669.0			Changed oil & inspected & cleaned screen. No defects noted. Added 12 qt. Phillips 20W50 X-C. Blow out air filter. Washed engine & cooling. Engine run-up. No leaks noted. C/W 50 hr insp at this time. Steve E. Truty A&P 524748243 IA		
10 May 82	Tach Time 1707.1			Changed oil, inspected & cleaned oil screen, no defects noted. Serviced with 12 qts Phillips 20W-50 X-C, tightened alternator drive belt. Washed eng and run up for leak ck, no leaks noted. Brian B. Bender A&P 230820643		
4/17/82	Tach Time 1734.9			TSMOH 271.9. Compression check as follows: #1 7/80 #2 7/80 #3 7/80 #4 7/80 #5 7/80 #6 7/80. No oil change at this time. Removed oil screen, inspected, cleaned & reinstalled. Cleaned, inspected, gapped, tested & rotated all sparkplugs. Cleaned carburetor fuel screen. lubed engine controls. C/W all other 100 hr services at this time. Washed engine & run-up (Cont. on next page)		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19				for leak check. No leaks noted. I certify this engine has been inspected IAW an Annual Insp & determined to be in airworthy cond. Steve E. Truty A&P 524748243 IA		
9/21/82	TACH TIME 1832.7			CHANGED OIL & CLEANED AND INSPECTED OIL SCREEN ADDED 12 qts. Phillips 20W50 XC - REPAIRED CRUSH WASHER ON SCREEN - WASHED DOWN ENGINE RAN A/C CHECKED FOR LEAKS - NONE NOTED - REPLACED ALTERNATOR FILTER - C/W 50 HR INSPECTION AT THIS TIME R. J. Lami A&P 2216253		
7 th Jan 83	Tach Time			Removed and replaced contact breaker points in both R & L magnets, reinstalled and retimed to engine using new gaskets. Cleaned, gapped, tested, insp and rotated all spark plugs. Ran engine for OP's and leak ck which was OK. - C/W AD-82-27-02 McCauley Propeller Insp which was N/A by blade S/N #'s. Blew out air filter. - Brian B. Bender A&P 230820643		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1980	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
18 Jul	Tech Reps	1511		Oil changed using Phillips 20-50. Elen Budard PAB 2146113		
1 Sept 80	Tech Reps	1529		Compression + Timing checked. Plugs cleaned & gapped. Prog. Demand. I can't think of any more suggestions. accident with an O-1A was a bad determination to be in Airworthy condition. Elen Budard PAB 2146113 F.A.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE 1981	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
4 June 81	Tech Reps	1564		TSMOH 101.0 Oil changed using Phillips 20-50. Compression + Timing checked. Plugs cleaned gapped. Prog. Demand. Engine worked run up & leak. Decided to test floor. 4 June 81 I CERTIFY THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH A (100 HOURS) (ANNUAL) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Elen Budard PAB 2146113 F.A.		
OCT	23/81	Tech	1508.6	C/W 50 HR INSPECTION OF H/C IN/A/W SERVICER MANUALS INSTALLED REMAN CARB. ALL MINOR H/DOST MONTS MADE ON W/O 6390 THIS DATE. Olen Budard PAB 2146113 F.A.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
1 Sept 79				Tech Recs 1449. Oil changed using Tefaco 50 weight detergent. Ela. Brenda Hrs 2186113		
8 Feb-80				Tech Recs 1463. TT 1463. Major Overhaul of Engine completed this date in accordance with applicable Continental manuals. Aircraft Test flown & determined airworthy. The following new parts were installed: (Magnifying of steel parts by Air KAMAN of Omaha) 1 GASKET SET # 536092A3 6 VALVE # 625782 6 VALVE # 626540 6 VALVE GUIDE # 641960 6 VALVE GUIDE # 631496 12 BEARING # 630824		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

(Cont)

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19				1 BEARING SET # 633136A1 4 ENGINE MOUNTS # 56545-1 1 CAM SHAFT # 535661 12 Lifter # 628488 2 MAGNETO # 662 (REMAN) 3 PISTON PIN # 539467 6 PISTON # 640518.015 6 RING SET # 639565A16.015 1 IGN. HARNESS # M1480 1 SEAL # 641250 1 BEIT # 52416-31-0 2 Bushing # 59534-20 2 Bushing # 52005-2 12 SPARK PLUG # RHM 40E 1 PUMP VAC. # 212CW Cylinders reworked by Air KAMAN of Omaha Neb. Prop overhauled by John Denson Aviation, Lincoln Neb.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
				I certify that this <u>engine</u> has		
				been inspected in accordance with a		
				<u>100 HR.</u> inspection and was		
				determined to be in airworthy condition		
				Tach <u>1425</u>		
				Total time in service <u>1425</u>		
				Time since major overhaul <u> </u>		
				<u>Alan Larson</u>		
				Alan Larson		
				A&P 513627358		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
				I certify that this <u>8-2-79 engine</u> has		
				been inspected in accordance with a		
				<u>Annual</u> inspection and was		
				determined to be in airworthy condition		
				Tach <u>1425</u>		
				Total time in service <u>1425</u>		
				Time since major overhaul <u> </u>		
				<u>Erwin A. Schwarzkopf</u>		
				A+E 102618 IA.		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6-1-79				Recording Tach Reading - 1305 HRS. Time in service, Changed oil and cleaned oil screen. Added 12 QTS. Amsoil 10W oil. checked compression. Cleaned, gapped, tested, spark plugs. Checked magneto timing to engine both mags. Performed other routine maintenance, wash engine. Inspected in accordance with LAF inspection form. Run-up and leak check performed.		
				I Certify that this engine has been inspected in accordance with a 100% ---hour----- inspection and was determined to be in airworthy condition Alan Lorus AZ P513627358		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
24 June 79	1409 hr.			Run up + check Changed oil. Put in Aeroshell 100.		
				C. Champion 2/6/1645 R4		
8-2-79	Recording Tech Reading - 1425 HRS.			Checked compression. Changed oil and cleaned screen. Added 12 Qts. Aeroshell 100 W oil. Cleaned, gapped, tested spark plugs. Checked magnet timing to engine both mags. Wash engine. Performed other routine maintenance. Inspected in accordance with LTI inspection form. Run up and leak check performed. (CONT. ON NEXT PAGE)		

ESTIMATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
1978-79						
11-15-78				Recording Tach reading 1074 hrs Total time. Inspected in accordance with LAI inspection form. Cleaned gas plugs. Change oil. Jex 1654D clean strainer. Inspect stacks & muffler. Wash engine. Check mag timing & condition.		
				I Certify that this engine has been inspected in accordance with a LAI LAI inspection and was determined to be in airworthy condition		
				R. Lore 17-1251544		
1-3-79				Tach reading 1120 Changed oil. Jex 165 ad. Removed carb and inspected - reinstalled carb.		
				Matt Jakes 17-505807791		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
3/20/79				Tach 1186 hrs. Changed oil & cleaned screen. Jex 165 ad. Installed return mag. Cleaned. Jex 165 ad. Tested mag plugs. Jex 165 ad. Lowered. Jex 165 ad. Checked. Inspected (LA) LAI inspection form. All other routine maintenance performed.		
				I Certify that this engine has been inspected in accordance with a LA LA inspection and was determined to be in airworthy condition		
				Chas. Blue 17-506625880		
1 May 79				Tach 1238 hrs. Run up & changed oil. Put in Aeroshell W-100.		
				C. Champoux 17-1645184		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 78						
6-7	Recording Tach 744 W100			Change oil 12 qts Matter Yakel A+P 505802791	NEEDS ALL	
7/13/78	Recording tach reading 839 hrs. Total time 839 hrs. Changed oil, checked screen, refill with Dex AD100. Clean & gap spark plugs. Inspect in accordance with LAD check sheet. Wash down & run up okay.					
				I Certify that this ^{Engine} Aircraft has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Daniel R. One A+P 505721584		
8-17-78	Tach reading 908 hrs. Change oil. Ref AD100. Replace alternator belt.			Refuse + V/E 1251544		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
9/8/78	18			Recordings. Tech reading 964 hrs. total time. Inspect in accordance with LAA inspection form. change oil, check screen, refill with Texaco API 100. Clean & gap spark plugs. Wash down & run up okay.		
				I Certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Daniel R. Ore #P 505721584		
10 Oct 78	18			Tech 1012.8 hr. Run up & changed oil. Put in Texaco API 100		
				Champion 0/1645184		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
				I Certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition		
				Alan Larson A/P 513627358		
2/3/78				Recording tach reading 617 hrs. total time. inspect in accordance with L.A. checklist. Compression checked okay. Install 12 new RH140E spark plugs. Overhaul carburetor, install gaskets, seals & locks as needed. Adjust point clearance in both mags, adjust timing. Run up okay.		
				I Certify that this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition		
				Daniel R. Ore A/P 505721584IA		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
19						
3-30-78				Recording Tach Reading - 670 HRS. Changed oil. Added 12 qts. Aerochell 100W oil.		
				Alan Larson A/P 513627358		
5/5/78				Recording Tach 715 Changed oil & filter Topass AD100 (installed, compression checked, given all oil above 6700, cleaned spark plugs. Any washed down cylinder IAW L.A. oil solution plan.		
				I Certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in airworthy condition		
				Clark Dwyer A/P 506625880		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
10-14-77	Tach 519			Time in Service. Insp. IAW LAI Insp. Report. Run V.P. Checked Mag Timing. Checked Compression. over 80# #1-69 #2-70 #3-69 #4-70 #5-70 #6-71. Cleaned & Tested Spark Plugs. Serviced Air Filter, Prop. & Fuel screen. Other routine maintenance performed. Changed oil & cleaned screen 12 QT Tex 100 AD		
				I Certify that this Engine has been inspected in accordance with a 100 H.R. inspection and was determined to be in airworthy condition		
				Cherry Mitchell APO 508608411		
10-18-77				Recording Tach Reading - 327 HRS. Cleaned, gapped, & tested spark plugs. Run-up OK.		
				Alan Larson APR 13627358		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IOths			
11-1-77	542			hrs on meter. Install intake valve stem seals according to Service Bulletin # M76-24		
				Erwin A Schwarzkopf H & E 102618		
12/12/77				Recording tach time 569 hrs. change oil, refill with Aerashell W. 65, Run up okay.		
				Daniel R. One APP 505721584		
12-22-77	Tach 592			Installed new Vac. Pump. 212 CW. Run up check OK. (copy for 9th H & E)		
				508608411		
2-3-78				Recording Tach Reading - 617 HRS. Time in Service. Checked compression. Changed oil and oil filter. Added Texaco AD 65 oil. Checked magneto timing to engine on both mags. Cleaned, gapped, and tested spark plugs. Performed other routine maintenance. Inspected in accordance with LAI inspection form.		
				(Cont. on Next Page)		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
6/15/77	Recording tach time, 302 hrs. total time. Inspected in accordance with LAI inspection form. Change oil & clean screen. Refill with 100. Clean & gap spark plugs. Pump OK.					
				I Certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Daniel R. Ore A#P 505721584		
7-19-77	TACH 370 hrs			Changed oil and cleaned screen Peroshell 100 non det.		
				Kenneth M. Bailey A#P 180442391		
7-22-77	TACH 379 hrs			Installed new cylinder head temp. probe.		
				Kenneth M. Bailey A#P 180442391		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
8-4-77	Recording Tach Reading - 405 HRS. Time in Service			changed oil and cleaned oil screens. Cleaned, gapped, & tested spark plugs. Added 3 Gal. Texaco AD100 oil. Checked magneto timing. Inspected in accordance with LAI inspection form.		
				I Certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Alan Lenoir		
				A#P 51362358		
9/12/77	Recording tach time 467 hrs. changed oil, refilled with Texaco NonDetergent 100. Pump OK.					
				Daniel R. Ore A#P 505721584		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
2/22/77	Recording tach reading 102 hrs. total time. Inspect in accordance with L.A.D. inspection form. Clean & gap spark plugs.					
				I Certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Daniel R. One APP 505721584		
2-22-77	Recording tach reading 102 hrs. total time in service. Inspect in accordance with L.A.D. inspection form. Change oil & clean strainers. Compression check OK.					
				I Certify that this Engine has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition		
				R. R. One APP 505721584		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19						
4/13/77	Recording tach time 190 hrs. total time. Inspect in accordance with L.A.D. inspection form. Clean & gap spark plugs. Change oil & clean screen, refill with Dex AD100.					
				I Certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition		
				Daniel R. One APP 505721584		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE DESCRIPTION

Mfg. <i>Continental</i>	Place	Date
Type <i>H- opposed</i>	Model <i>O-470-S</i>	Serial No. <i>464133</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
Compression Ratio	Supercharger Ratio	Cu. In.
		Gear Ratio
Propeller <i>McCaulley</i>	Hub Design <i>2A34C203</i>	Hub Serial No. <i>761830</i>
Blade Design <i>90DCA-8</i>	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.	
Pitch <i>1/12.5°</i>	Diameter <i>82"</i>	Length
<i>4/25.0°</i>		
Owner's Name		
Address	City	State

ENGINE LOG

[illegible]