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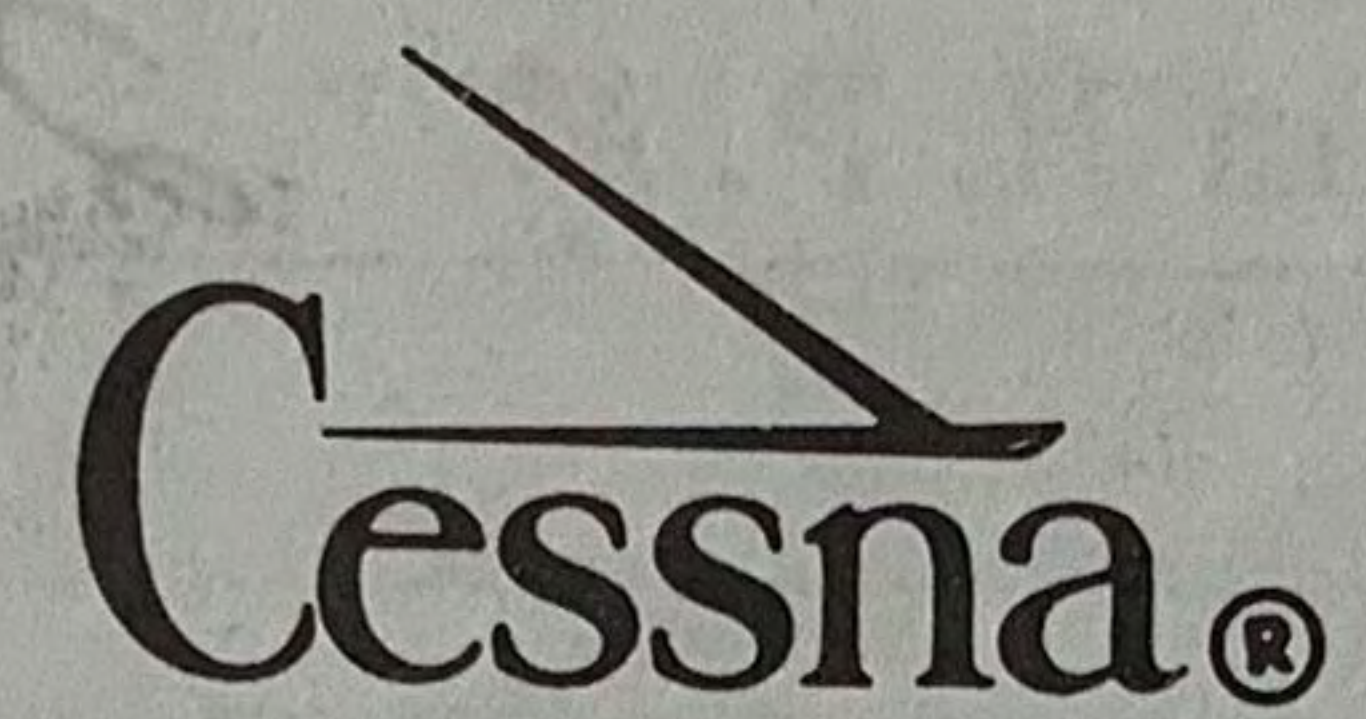
Cessna®



Closed
Book I

ENGINE AND PROPELLER LOG

N 35053 SERIAL NO. L-19252-36A



Engine and Propeller Log

Comprehensive Recording of Engine
and Propeller Records

ENGINE DESCRIPTION

Mfgr. <i>Lycoming</i>	Place	Date	
Type <i>H-opposed</i>	Model <i>O-360-A1F6D</i>	Serial No. <i>L-19252-36A</i>	
Rated H. P. <i>180</i>	Maximum H. P. <i>180</i>	Weight (Dry)	
Rated R. P. M. <i>2700</i>	Maximum R. P. M. <i>2700</i>	Oil Pressure	
Bore	Stroke	Displacement	Cu. In.
Compression Ratio	Supercharger Ratio	Gear Ratio	
Propeller <i>McCaulley</i>	Hub Design <i>BAD34C211</i>	Hub Serial No. <i>743555</i>	
Blade Design <i>82PCA-6</i>	Blade Serial	Blade Serial	Blade Serial
Maximum Hub H. P.	Maximum Blade H. P.		
Pitch <i>g/12.1°</i>	Diameter <i>76"</i>	Length	
<i>h/26.0°</i>			
Owner's Name			
Address			
			City
			State

ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19 74							
9/21	1	0	1	0		<i>[Signature]</i>	C1404640
9/23	2	0	3	0		<i>[Signature]</i>	C1404640
8-30-75					Tach reading 107 hrs. Change oil, filter, cleaned air filter, check mag timing, check spark plugs, cylinder compression as follows: #1-78/80, #2 78/80, #3-75/80, #4-79/80. See back of book for A.P. listing Donald Johnson ATP 453143.		
11-12-75					Tach reading 168 hrs. Installed new needle valve and seat in carb. Donald Johnson ATP 453197		

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 9-1-76				Change oil, change oil filter, cleaned up and test spark plugs, check mag timing, check alternator belt. Washed engine down. <i>Malia</i> compression test as follows: #1-77/80 #2-74/80 #3-68/80 #4-25/80. See back of book for A & D listing.		
				Date <u>9-1-76</u> Tachometer reading <u>362 hrs.</u> Total time as recorded <u>362</u> hrs. I certify that this (aircraft) (engine) has been inspected in accordance with an ANNUAL (100 hr.) inspection and was determined to be in an airworthy condition. Sig. <u>[Signature]</u> A&P <u>453193</u> For Northwestern Flyers, Inc., Sioux City, Iowa		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
11-1-76		411.2		hrs. change oil arshell #30 Donald J Johnson		
1-15-77		460.0		hrs changed oil arshell #30 D.J. Johnson		
6/18/77		549.1		changed Oil. 50cc #50cc Arshell rein. Stade Porebeck 504604179		
9/16/77		619.7		100 hr. inspection completed this day changed oil 80TS saw checked, changed oil filter, cleaned inspected an induction filter, replaced 4 spark plugs, made compression test 1-7/80 2-7/80 3-7/80 - 73/80 inspected & cleaned fuel strainer, inspected intake & exhaust system, checked engine & prop controls for security operation, checked & painted prop. inspected prop assembly, inspected engine in general, washed engine, checked Mag timing, checked H.P.S.		

Date 9/16/77 Tachometer reading 619.7
 Total time as recorded 619.7 hrs. I certify
 that this (~~aircraft~~) (engine) has been inspected
 in accordance with an ~~aircraft~~ (100 hr.) inspection.

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

was determined to be in an airworthy condition.

Sig. David T. Bartch A&R 507704707

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
9-29-77		624 hrs.		C/w AD note 77-17-07 Part A not apply, over 60 hrs. Part B not apply to this SN. Part C w/ Part 1 of SB 584. Check cam followers for melting. Pushrod and points to be replaced. Donald Johnson #P453193.		
11/2/77	TACH. 641			Removed & installed new points & capacitors on D-2000 magneto, timed & serviced IFAW according service instructions. Run - cb - o.k. Nayft. Bartel #507704707		
12-28-77		654 hrs.		Took reading 654 hrs. Drained oil and filled with 65W castrol oil. Donald Johnson #P453193		
5-8-78		711 hrs.		Took reading 711 hrs. Drained oil and filled with 100W castrol oil. Donald Johnson #P453193		
6-16-78	TACH. 729			Installed oil temp. adapter & probe, ground run checked for oil leaks. O.K. Nayft. Bartel #507704707		

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 <u>78</u>						
Sept. 21, 1978				Tach 782 100hr inspection completed this date. Strained, dirt & changed oil filter added 8 qts W100 Vt. Oil. Cleaned & tested spark plugs. Compression check #1 7/80 #2 7/80 #3 7/80 #4 7/80 Replaced Rocker Box cover gaskets on #1, #3 & #4 cylinders. Cleaned air filter. New carburetor. Air Box is on order will be installed immediately upon arrival. Checked A/D's See Back of Book for listing		
				Date <u>9-21-78</u> Tachometer reading <u>782</u> Total time as recorded <u>782</u> hrs. I certify that this aircraft (engine) has been inspected in accordance with an annual (100 hr.) inspection and was determined to be in an airworthy condition. Sig. <u>Allen W. Martin</u> A&P <u>485706091</u> For Northwestern Flyers, Inc., Sioux City, Iowa		

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 September 19, 1979			942	100 hr. inspection completed this date. Changed Oil & filter cleaned gapped & tested spark plugs. Checked Controls Class E 79-6. Compression tests #1 79/80 #2 79/80 #3 79/80 #4 79/80 Checked Intake & exhaust systems. Checked Mag. timing. Cleaned Air filter. Checked AD see Back of Book for disto AD 78-09 @ 7 Due at 1000 hrs. AD 79-18-06 Due 952 hrs.		

Date 9-19-79 Tachometer reading 942
 Total time as recorded 942 hrs. I certify
 that this ~~(aircraft)~~ (engine) has been inspected
 in accordance with an ~~ANNUAL~~ (100 hr.) inspection
 and was determined to be in an airworthy condition.
 Sig. Alvin W. Martin A&P 485200091
 For Northwestern Flyers, Inc., Sioux City, Iowa

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	Sept 21, 1979			Tach 942 hrs. Removed Magneto complied with AD 78-09-07 Inspection of impulse Coupling. Complied with AD 79-18-06 in accordance with Bendix SB 584B & SB 605. Stamped like letters K after S/N & C on Bottom Lip. Magneto S/N 2905. Installed Caution Decal P/N 10-382993 on Magneto. Allen W. Martin AP485706091		
	Feb 28, 1980			Tach 986 Removed Magneto for compliance with Bendix SB 605A + SE 79-48 Revision #1 & installing Rivet Kit in Cover. Rivet Kit P/N 10-682007 Reinstalled Magneto. Stamped Dow Nameplate. Magneto S/N 2905K END Allen W. Martin AP485706091		

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 6-11-80				Tach 1041.3 Charged oil & filter (8 qts Phillips X-C-20W50) Orphan W. O. 5227	(Sgt Phillips Garrett (Theorem HP 2220229	
17 Sept 80				Tach reads 1062. Oil & filter changed using Aeroshell 100w. Plog cleaned & gapped. Compressor & timing checked. #1 7/80 #2 7/80 #3 7/80 #4 7/80 Plog dressed & painted. Engine washed & run up. Certify this engine was inspected on occasional work on Annual inspection and determined to be in Airworthy condition	Edu Bee Graham HP 2040113 F.O.D.	

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 31 Dec 81				ENG TOTAL TIME 1218 C/L AD 81-18-04R1 + L'SB-455A BY INSTALLING KIT LW-18271 + LW-1404A O-RING + 8 GT1 XC PHILLIPS AC AND NEW OF-11A OIL FILTER W.O. 6057 RS3043 Lene Tarkenton AR1230509		
9-9-82	1273 TT			Removal rear case + oil pan + installed new gaskets. Changed oil + filter cleaned + gaped plugs. Washed engine + cowl + belly.		
					9-9 P2	
					19.....	
					I CERTIFY THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH A (100 HOURS) (ANNUAL) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
					James W. [Signature] AP/6578727A	

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 7 MAR 83		7064	1327	REPLACED 12th GASKET & 2nd CYL Sewer Valve - APR 23 0505	we7690	RS 3043
9-6-83		Total Time: 1377 hrs.		Cleaned & gaped plugs & checked compression good. Worked Cool & engine		
				9-6		
				<div style="border: 1px solid black; padding: 5px; margin: 0 auto; width: fit-content;"> I CERTIFY THIS (AIRCRAFT) (ENGINE) HAS BEEN INSPECTED IN ACCORDANCE WITH A (100 HOURS) (ANNUAL) INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. </div>		
				James Welt ACP 165-872 IA		

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ENSE
MBER

DATE	DURATION	ACCUMULATED TOTAL TIME	
		HOURS	IOths
12-7-83		1414	Tach
	Removed & Replaced		
4-6-84	TACH 1435.6		DE
	CHAMPION CFO-100		
	WASHED ENGINE		
9-12-84	Tach 1487.6		Drained oil, serviced w/ Sats Phillips & 1020w50 oil.
			Dodge Johnson

AERO ELECTRIC, INC
 130 LAURA
 P.O. BOX 3807
 WICHITA, KANSAS 67201

CERTIFICATION TAG
 Certified Repair Station NO. 322-14

Unit Name Starter Ser. No. A-27641 (1568)
 Type 1109695 Mfg. Delco
 Overhauled By Paul & Paula Insp. By Paul & Paula
 Minor Rep/Alt. Work Order No. _____
 By _____ Repairman _____

If Not Overhauled Fill Out Below
THIS UNIT TESTED AND APPROVED FOR FURTHER SERVICE
 By _____ Date _____

SERVICEABLE

AE - 107

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

Work Order No. A37,765
 Service Bulletin Accomplished
 Date Nov. 3, 1983
 Signed [Signature]
AERO ELECTRIC, INC
 130 Laura
 P.O. Box 3807
 Wichita, Kansas 67201

F.A.A. CERTIFICATE
 NO. 322-14

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
12-7-83		1414	Tach	Removed & Replaced Starter.	Paul Cowthorn	A&P 481745857
4-6-84		TACH 1435.6		DRAINED OIL & REMOVED OIL FILTER. INSTALLED NEW CHAMPION CFO-100 FILTER. SERVICED w/ 8 QTS PHILLIPS XC20W50 OIL WASHED ENGINE AT OIL SPILL. GROUND RUN & LEAK CHECK OK. WO.# 8617	Wade D. Peck	A&P 482729146
9-12-84		Tach 1487.6		Drained oil, serviced w/ 8 qts Phillips x/c 20w50 oil.	Paul Johnson	

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19 <u>85</u>						
	<u>6-13-85</u>			<u>Tach 1545</u> <u>changed oil & filter, serv. 8 qts Phillips</u> <u>XC 20W50 Ord Run & leak ok</u> <u>Ordn run RS 304-3 No. 0.</u> <u>9611 Vincent C. Chevin</u> <u>H82220229</u>		
<u>10-4-88</u>	<u>TACH TIME 1850.7</u>			<u>Drained oil & removed oil filter, installed new</u> <u>CHAMPION oil filter & serviced w/ 8 qts PHILLIPS XC 20W50</u> <u>oil. Ground run & leak checked OK WO# 11898</u> <u>Unit Log # 483504447</u>		
				<u>written in error</u> <u>see Entry Dated 10-4-88</u>		

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						
				<p>Date <u>9-4-85</u></p> <p>Inspection Performed on Powerplant in Compliance with FAR 43: Directives</p> <p>Oil Changed <input checked="" type="checkbox"/> Screens Cleaned <input checked="" type="checkbox"/></p> <p>Sparkplugs Checked and Gapped <input checked="" type="checkbox"/> Compression <input checked="" type="checkbox"/></p> <p>Magnetos and Points <input checked="" type="checkbox"/> Harness Checked <input checked="" type="checkbox"/></p> <p>Fuel System Checked <input checked="" type="checkbox"/> Filter Cleaned <input checked="" type="checkbox"/></p> <p>Propeller and Spinner <input checked="" type="checkbox"/> Engine Washed <input checked="" type="checkbox"/></p> <p>Cowling Checked <input checked="" type="checkbox"/> Engine Controls <input checked="" type="checkbox"/></p> <p>Engine-Run-Up and Checked for Security and Leaks <input checked="" type="checkbox"/></p> <p>All AD's Thru <u>85-13</u> CW See Last Page For a Complete List of AD's</p> <p>Total Time in Service <u>1590</u> Tach Reading <u>1590</u></p> <p>I Certify that this Powerplant has been inspected in accordance with a <u>Annual</u> inspection and was found to be in airworthy condition. Details of work performed during this inspection are on Work Order # <u>001799</u></p> <p>Signature <u>Donald W. Witt</u> AP# <u>for</u></p>		
					<p>A.D. 84-26-02 AIR FILTER HAS STAMPED DATE 10-82 Don Witt</p> <p>A.D. 80-25-07 CHECK o.i. COOLER AND IS OKAY AT THIS TIME Don Witt</p>	

SKY HARBOR AIR SERVICE REPAIR STATION
 #3018 EPPLEY AIRFIELD OMAHA, NEBRASKA 68119

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

DATE	DURATION	TOTAL HOURS	DESCRIPTION	CASE NUMBER
2-11-86		1618.0	TACH HRS REMOVED PROPELLER FOR OIL LEAK REPAIR INSTALLED NEW SEAL AND CYLINDER ON MCCAULEY PROP MODEL B2D34C211 SERIAL 743555 REINSTALLED SAME PROPELLER AND FUNCTIONAL TESTED ON AIRCRAFT AND LEAK CHECKED O.K.	

DUNCAN AVIATION, INC.
LINCOLN, NEBR.

FAA Approved Repair Station 3304
The Above Described Maintenance
Repair Is Certified Airworthy & A
Detailed Record Is Held On File
Under W. O. PP 94/8

Insp. *(Signature)*

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19	100786	TACH 1663		PENDING T.T. 1663 COMP. 100 HR INSPE PER CASSIDY INSPE REPORT OIL DRAINED NEW OIL FILTER INSTALLED & SERVICED WITH 8 QT. X C PHILLIP'S OIL.		
				Tachometer <u>1663</u> ^{PNC} Total Time <u>1663</u> I certify that this (aircraft) (engine) has been inspected in accordance with a <u>100 HR</u> inspection and was deter- mined to be in airworthy condition. Dated <u>100786</u> W.O.# <u>10618-10620</u> Signed <u>[Signature]</u> Graham Airmotive FAA Approved Repair Sta. 304-3		

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ENGINE LOG

DATE	DURATION		ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
			HOURS	10THS			
19							
1 JUN 87					TACH 1708. OIL DRAINED NEW OIL FILTER INSTALLED & SERVICED WITH 8GTI AC PHILLIP'S POWSD. FORD WEMC OK		
					Leunhahn RS304-3		
22 JUL 87					TACH 1740 STANDBY VACUUM SYS. INSTALLED PERM STC SAE 1779 MM 3RD PAA 337 DTD 22 JUL 87		
					Leunhahn RS304-3 W.O. 11153		
10-9-87					TACH 1763 H/C TT. 1763 Eng T 1763 Removed this Eng S/N 2-19252-36A Sov overhaul by Central Cyl. Serv.		
					Gherard E. Becover RFS 304-3 W.O. 11274		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	IO THS			
19						
10-23-87				TACH 1763 A/C TT 1763 Eng TT 1763 Time since major overhaul "O" hrs by Central Eng overhauled by Central Cyl. see next page for DETAILS Installed This Eng S/N L-19252-36A in in N35053 Cessna 177B as per Cessna # 177B Maint Manual spec + Leak OK OK Graham Airmotive FAA Approved Repair Sta. 304-3 Tachometer 1763 Total Time 1763. I certify that this (aircraft) (engine) has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition. Dated 10-23-87 W.O.# 11271 thru 11274 Signed <i>[Signature]</i> (87-19)		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station 312-9

6315 Airport Drive • Riverfront Industrial Park • Omaha, NE 68110

Lycoming O 360 A1F6D S/N L-19252-36A TT 10-21-87

Overhauled this engine using the following parts: New pistons, pins, rings, new exhaust valves, new guides, rocker and rod bushings, valve keys, new lifters, rod and main bearings, new tach shaft and reground camshaft. Installed new ignition harness and spark plugs. Magnflux-ed steel parts and zygloed crankcase. Installed new fuel pump, overhauled magneto, carburetor, starter and alternator. Aircraft engine test ran on run up stand and found to be airworthy. All work was accomplished in accordance with Lycoming Service Publications. Details of work is on file at this facility W.O. 3257.

Robert L. Hawer

DATE

DUR

19

LICENSE
NUMBER

ENGINE LOG

Installed 10-23-87

CENTRAL CYLINDER SERVICE, INC. / AIRCRAFT ENGINE REBUILDERS LIMITED SERVICE WARRANTY

Central Cylinder Service, Inc. ("CCS") makes the following warranty to its customers, subject to the limitations, conditions, and exclusions set forth below.

Warranty Coverage: For a period of 180 days after the date of delivery to the customer, or 240 hours of use, whichever occurs first, CCS shall repair or replace, at its option, any engine part which CCS repaired which has been found within the warranty period to be defective to CCS's satisfaction. This includes the cost of parts and labor. CCS shall not be obligated to repair or replace any part which is found after the above warranty period to be defective.

Conditions and Procedures for Obtaining Warranty Work: The foregoing warranty shall be in effect only if the defective engine or component serviced is returned to CCS, at the customer's expense, together with the particulars of the nature of the defect, or if the customer or his representative contacts CCS for verification, inspection, and authorization of a warranty repair. The foregoing warranty shall apply if, and only if, the engine or component has been properly installed and maintained in accordance with current approved standards of the United States Federal Aviation Administration and current recommendations of the manufacturer as specified in the applicable manual and service bulletins. The performance of recommended inspections and maintenance must be documented by logbook entries which must accompany any engine or component returned for warranty work. Defects must be discovered within the warranty period and CCS must be given prompt notice thereof in writing within ten days of discovery.

Limitations, Exclusions, and Disclaimers: CCS shall not warranty any aircraft cylinder or crankcase that has fatigue, heat or stress cracks. CCS shall not assume freight charge, transportation or delivery expense, installation and removal cost or airframe repairs, all of which are excluded under this warranty. CCS does not warranty parts, materials, or service supplied or performed by others including, without limitation, parts such as magnetos, starters, alternators, or turbochargers which are purchased from a manufacturer and assembled as a unit without altering the unit. This warranty shall not apply to any engine or component that has been subject to misuse, neglect, accident, or damage from the elements or which has been installed, repaired, maintained, or altered in any manner which, in the judgment of CCS has had an adverse effect on the engine or parts. This warranty shall not apply to any engine which has been operated under conditions which exceed the manufacturer's recommendations. This warranty shall not apply to any engine or component that has been altered or repaired in any manner outside the CCS facility.

In no event shall CCS be liable for consequential or incidental damages or economic loss of any nature whether arising in contract or tort, including strict liability in tort, or negligence on the part of CCS.

There are no warranties which extend beyond the warranty contained herein. This warranty is in lieu of any and all other warranties, expressed or implied, including the warranties of merchantability and fitness for a particular purpose and the items sold are sold "as is."

Table with 2 columns: SIGNATURE and LICENSE NUMBER. The table contains multiple empty rows for recording signatures and license numbers.

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 3-29-88	TACH 1798			Eng II 1798 Time since OH 35 HR AND changed oil filter with CH 48103 serviced eng with Phillips 2050 type m oil 8 qts ran AFT LEAK OK.	W.O. # 11565 Date 3-29-88 Signed <i>Rafael P. ...</i> GRAHAM AIRMOTIVE Box 2109 Sioux City, Ia. FAA Approved Repair Station No. 304-Z	
10-4-88	TACH 1850.7			Drained Drained oil, changed oil filter Installed new CH 48103 filter, serv. with 8 qts Phillips XC 20W50 oil, and run & leak checked OK w.o. 11895 <i>Ben Cooper #483604447</i>		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19	10-28-88			Tach 1871 Eng TT 1871 SMOH 108 Completed Annual Insp per FAR 43 Appendix "D" using Lesson Insp form as a guide. Comp. Check: #1 ^{76/80} #3 ^{76/80} #2 ^{75/80} #4 ^{76/80}		
				Tachometer 1871 Total Time 1871 this (aircraft) (engine) has been inspected in accordance with a Annual inspection and was deter- mined to be in airworthy condition. Dated 10-28-88 W.O.# 11929 thru 11931 Signed <i>Jim C. [Signature]</i> Graham Airmotive (88-20) FAA Approved Repair Sta. 304-3		

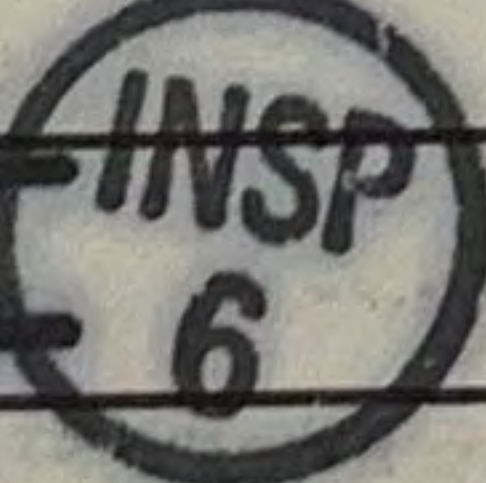
CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
19 89 3-9-89		1898	5	Drained eng oil, CHANGED oil FILTER. INSTALLED NEW CHAMPION CH48103 FILTER, SERVICED WITH 8 QTS PHILLIPS 20W50 XC oil, Ground Rgn LEAK CK OK WO. 12148 Dent Cooper TP483504447		
05/09/89		1907.7	TACH	R/R Engine for Prop STRIKE / MagnaPunk All steel / ZYGLO CASE - NO DEFICIENCIES FOUND Replaced counterweight snaprings / All rod bolts and nuts / gasket set / 8 Qts oil and Filter Aeroshell 100W See Prop log / Approved for return to service Mike Boorn AP 371542159 IA		

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ENGINE LOG

DATE	DURATION	ACCUMULATED TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER					
		HOURS	IO THS								
19											
DIFFERENTIAL COMPRESSION CHECK				<i>Dil + filter change Phillips 1C 20-50 added install new BA5705 induction filter. Engine ground operation check normal.</i>							
#1	#2	#3	#4				#5	#6	#7	#8	#9
80	80	80	80				80	80	80	80	80
76	76	77	75								
Date <u>10-26-89</u> Tach <u>1953</u> TT <u>1953 hrs.</u>											
I certify that this <u>Engine</u> has been											
inspected in accordance with a <u>Annual</u>											
inspection and was determined to be in airworthy condition.											
Other details of this inspection are on file at this facility											
Under W.O. # <u>10824</u>											
Signed <u>Garrett S. Hudson</u>											
Van Dusen Airport Services FAA Approved Repair Station #NUR069F											

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	5-23-90 5-23-90			Tach 1989.3 Eng II 1989.3 Complied with Propeller Govern oil Line Support Inspection Purcess NA Ser 90-2 AD Service Bulletin AND FAA AIRWORTHINESS Directive 90-04-06 AND found Line AND support CHAMP OK. The elbo sitting ON fwd engine is Ahu, BUT does NOT need change Per AD 90-0406 Part B. Till Line is Removed. for any reason or eng overhaul .		
					W.O. # 12944 Date 5-23-90 Signed Rafut Peterson GRAHAM AIRMOTIVE Box 3400 Sioux City, Ia. FAA Approved Repair Station No. CSOR994C	

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 3-15-91	TACH	2062.1		Eng II 2062.1 smOH 299.1 Runner Nozzles Reinstalled leak check OK OPS check OK.	Removed and cleaned Run Graham flying device w/c 13437 Robert Peterson Repair Station # CSOR994C	
3-20-91	TACH	2064.1		CHANGED eng oil. Serviced w/8 QTS PH: 11:45 20w/50 KC. Removed oil filter, CUT APART found OK. INSTALLED New CH48103 filter Ground run leak CK OK	MAINTANCE This is to certify that this is Approved for return to service as airworthy. WCH 13442 Date 3-20-91 Signed <i>Ben Cooper</i>	
					GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C	

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 6-26-91			TACH 2136.9	Changed oil & Filter cut open & Insp OLD Filter Found OK Serv. Sgt Phillips x c 20W50 End Run Leak ck OK This is to certify that this <u>MAINT</u> is Approved for return to service as airworthy. WO# <u>13579</u> Date <u>6-26-91</u> Signed <u>[Signature]</u> GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C		
9-4-91			TACH 2186.3	Changed oil & Filter, cut open & Insp old Filter & Found OK Serv. Sgt Phillips x c 20W50 End Run Leak ck OK + This is to certify that this <u>MAINT</u> is Approved for return to service as airworthy. WO# <u>13671</u> Date <u>9-4-91</u> Signed <u>[Signature]</u> GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C		

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 9-06-91				TACH 2191.7 A/C + Eng TT 2191.7 c/w AD 90-04-06 R1 eff date 5-28-91 PAR (b) by installing new steel ELbow @/w MS20822-6 in Engine case. Gnd run 2 hr ck OK. The Prop Gov oil line installation + Prop Gov Gov Fitting are steel and are in compliance with AD. See log entry dated 5-23-90 updated AD list in REAR on A/C log		

This is to certify that this MAINT
is approved for return to service as airworthy.

WO# 13679 Date 9-6-91

Signed [Signature]

GRAHAM AIRMOTIVE
Box 3409 Sioux City, Iowa
FAA Approved Repair Station #CSOR994C

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

Owner Advisory

DEAR CESSNA OWNER
 TEXTRON LYCOMING
 OIL PUMP IMPELLER
 INSPECTED TO DE
 IMPELLERS NOT M
 COMPLIANCE I
 LATER REVISION
 OPERATION. SCHE
 OCCURS FIRST.
 PLEASE CONTACT
 INFORMATION AND
 AIRPLANE.

177-002178

B/c/ Fr b

19	DURATION	TOTAL TIME		REPAIRS --- ADJUSTMENTS	SIGNATURE	LICENSE NUMBER
		HOURS	10THS			
10-28-91				Checked with Central Cyl. CRS 312-9		
Dated 5-16-91				And dyc S.B. 456 D is in Compliance Due to Previous Compliance with dyc SB 455 D dated 1-2-87 AT Eng overhaul on 10-21-87 Eng # 1763. (TALKED TO Mr Bob Robert J. Hawson of Central Cyl Vincent L. Whelan Chief Inspector GFS CRS CSOR 994C		
11-22-91	TACH	4.0	ACT	2229.7 2229.8		
				Remove mag for 500 hr check on impulse coupling AD 78-09-07 R3. While mag removed, checked for compliance or applicability of following SIBs 587, 590A 600, 605A, 606, 612B 623A, 631, 632A. All pertinent SIBs C/W. Disassembled mag & installed following new parts, cont. sets, magnet shaft bearing, slinger, felt washers, mag assembled & timed per TDC over manual for D2000 series mags. OPSC OK Ben Cooper GFS #13781 CRS CSOR 994C		

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			
11-22-91				Tach 4.0 Eng TT 2229.7 SMOH 466.7 Completed Annual Insp per FHR 43 App D. using lesson Insp form as a guide Changed oil & FILTER Checked SUCT. Screen Serv. 89 to Phillip XC20W50 Comp. Check as follows: #1 75/80 #3 77/80 #2 78/80 #4 78/80 Replaced Air Filter Element #A5705. c/w 400hr visual valve Insp (Replaced all Rocker Cover BASKETS) RTR VAC Pump Drive Seal.		
					Tach Hr Meter <u>4.0</u> Total Time <u>2229.7</u>	
					I certify that this (aircraft) (engine) has been inspected in accordance with a <u>Annual</u> inspection as per FAR 91.409 and was determined to be in an airworthy condition.	
					Dated <u>11-22-91</u> W.O. # <u>13779-81</u>	
					Signed <u>Vincent L. Lichow</u> Graham Airmotive CRS #CSOR9946 Box 3409 Sioux City, IA 51102	

Mag.
500 hr
check
←

91-22

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 92 2-7	TACH	53	1	ENTTL 2279.4 Drained eng oil, Removed oil filter Cut open, found oil. Installed new CH48103 filter, serviced w/8 QTS PHILLIPS XE 20/50 Gnd run OK. Removed & cleaned SPARK PLUGS.		
				This is to certify that this <u>MAINTANCE</u> is Approved for return to service as airworthy. WOH# 13883 Date 2-7-92 Signed <u>Bill Leeper</u> GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C		
3-26-92	Tach 8601			Installed new Spark Plugs (8) RHM40E Installed new Capacitors P/N ESTO-382807 (2 each) in Magneto Cover. CLEANED Recess Area in Cover where Capacitors set. Open & LEAK CK OK		
				This is to certify that this <u>MAINT</u> is Approved for return to service as airworthy. WOH# 13917 Date 3-26-92 Signed <u>James E. Levine</u> GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C		

CARRY ACCUMULATED TOTAL TIME FORWARD TO TOP OF NEXT PAGE

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
5-6-92		TACH 114.1			Changed oil & filter out open + Fast old filter saw 8 qt Phillips x c 20w50. Gnd run open & leak check ok by ^{work accomplished} Craig LaFollette Jimmie E Hoover #2220229
8/7/92	AD 92-12-05	DATE 7-10-92	PISTON PINS	PART A & B N/A BY Model No. & Part	
	^{N/A} C BY DATE				
	AD 92-15-16	DATE 8/9/92	CARB FLOAT	N/A BY DATE	
				Jimmie E Hoover CRS CSOR994C updated AD list in H/C log	

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
8-7-92	TACH 162	GFS W.O. 14095			
		DRAINED OIL CHG FILTER C1448103			CUT OPEN OLD FILTER FOUND OK.
		SERVICED 8qt X/C 20-50			RUN UP LEAK CK OK
			This is to certify that this <u>PROPELLER</u> is Approved for return to service as airworthy.		
			WO# <u>14095</u> Date <u>8-7-92</u>		
			Signed <u>[Signature]</u>		
			GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C		

DATE
12-

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
12-3-92	TACH 210.3	Eng II 2436	SMOH 673	Completed Annual	
Insp. per FAR 43 App "D" using Cessna Insp form as a guide. Changed oil & filter, cut open & Insp old filter, cleaned suction screen, Serv Sgt Phillips XC 20W500 Compression check: #1 75/80 #3 76/80 #2 74/80 #4 64/80					
Replaced Air Induction Element P/N BH 5705 Replaced Alternator Mounting Bracket P/N 76906 Retimed mag date to 25° BTC					
Replaced oil cooler Air Blast Tube — LAST ITEM —					
 _____ _____ _____ 					

Tach Hr Meter 210.3 Total Time 2436
 I certify that this (aircraft) (engine) has been inspected in accordance with a Annual inspection as per FAR 91.409 _____ and was determined to be in an airworthy condition.
 Dated 12-3-92 W.O.# 14226 + 27
 Signed [Signature]
 Graham Automotive CRS #CSOR994C
 Box 3409 Sioux City, IA 51102 92-23

PROPELLER INSPECTION & REPAIRS

INSPECTION			REPAIRS		
DATE	INSPECTED BY	CONDITION	DATE	REPAIRED BY	REPAIRS MADE
3-8-92	TACH	253.8 GFS W.O. 14346			
		DRAINER OIL CHANGED +LEAK RUNNER O.K.			Filter cut open old, FOUND OK. Serviced 8qt x/c 20w-50
					This is to certify that this <u>MAINT</u> is Approved for return to service as airworthy.
			WO#	14346	Date 3-8-93
			Signed	<i>Vernat C. Chiowin</i>	
				GRAHAM AIRMOTIVE Box 3409 Sioux City, Iowa FAA Approved Repair Station #CSOR994C	
3-31-93					
		AD 93-05-21 EFF DATE 3-17-93			AC Fuel Pump N/A BY DATE Pump NOT overhauled BY
		A.A.I. UPDATED A.D. LIST		<i>Vernat C. Chiowin</i>	AD 2220229

MEMORANDA

Date	
6-8-93	Tweh 303.3 changed oil + filter. (cut open + inspect the old filter + found ok.) Inspect + clean section screen. Serv Sgt Phillips XC 20WS0 and run + deck checked. Adjusted Idle speed (was idling at 300-400) to 600 RPM.

This is to certify that this Maint
is Approved for return to service as airworthy.

WO# 14452 Date 6-8-93

Signed Donald Deionie

GRAHAM AIRMOTIVE
Box 3409 Sioux City, Iowa
FAA Approved Repair Station #CSOR994C

9-10-99	Tweh 360 Hrs change oil + filter Phillips 20-50cc D. Ruchnik 1812777 IA
---------	--

MEMORANDA

Date

~~1-24-95~~
1-24-94
Tuck Time 387 - ACTT 2613 - SMOH 673 - Inspected engine
Z/A/W. Service manual. Changed oil and oil filter.
(PW OH 48103) cut open old oil filter - OK - ~~cleaned~~ cleaned section
screen. Service engine with ~~Box~~ of Phillips 6-C 20W-50.
Performed compression checks #1) 77/80 #2) 72/80 #3) 73/80
#4) 74/80. Cleaned gapped and rotated spark plugs.
Check mag to engine timing. Had muffler and #1
exhaust pipe repair by Dauby. Replaced induction air
filter (PW BA 5705) washed down engine. Check fuel
screens. Test Run-up - OK - ~~we~~ I certify that this
engine has been inspected in accordance with a
100 hr inspection and was determined to be in an
airworthy condition. ~~Mechanics~~ Tuck 484885209 JA

MEMORANDA

Date	
	Oil change complied with as per <u>Cessna</u>
	Service Manual. Oil Filter or (screen)
	replaced or (removed) for Cleaning and
	Metallic Check.
	Oil Type <u>Phillips 1WT 20-50XC</u>
	THIS DATE <u>10 1 13 1977</u>
	AIRCRAFT HR'S <u>412</u>
	SIGNED <u>R. Beckett IF12777JA</u>



"LOOK FOR THE RED AND BLUE
CESSNA PENNANTS FOR THAT
EXTRA SERVICE WHERE IT COUNTS
WHEN YOU NEED IT."

CESSNA AIRCRAFT COMPANY WICHITA, KANSAS