

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM



**ENGINE
MAINTENANCE
RECORDS**

Custom Airmotive, Inc.
FAA REPAIR STATION #DC2R763K
AIRCRAFT ENGINE SERVICE
3702 N. SHERIDAN, BLDG. B
TULSA, OK 74115
(918) 836-6834
FAX (918) 836-9431

McCawley B 2034C 208 SN 738555
 20.04.01 NA Model gulet AP458457365
 82.29.02 NA Model gulet AP458457365

McCawley Gov. 75.12.07 NA Model gulet AP458457365
 MS MA-4-5 SN BU-14-585
 77.13.06 NA Mod gulet AP458457365
 79.08.06 NA Mod gulet AP458457365
 89.04.02 NA SN gulet AP458457365
 88.02.04 NA Mod gulet AP458457365

Bendix D4LN-3200 SN 8213008
 78.09.07 Impulse Imp @ 500 hrs @ 3915.2 gulet AP458457365

Bracket AFitter 85705
 95.03.02 AFitter Gasket NA Mod gulet AP458457365

Shore 1 CCT SN 300944

ACS 1GN 93.05.06 1GN Inter Temp NA Bendix 1GN @ 2000 hrs gulet AP458457365

Altimeter 5934 P-AS6 SN 99273
 74.24.13 low gulet AP458457365
 88.05.02 NA SN gulet AP458457365

Ewart Warner 3106E SN 15356
 80.25.07 NA Mod gulet AP458457365



ENGINE MAINTENANCE RECORDS

Log No. _____

Aircraft Registration No. N34868

Engine Manufacturer LYCOMING

Model 0360AIF6

Serial No. L-2317E-36A

Date installed on aircraft 2/12/05

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

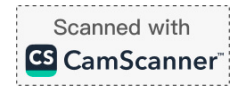
- Right Left
- Front Rear



(All applicable information must be filled in)
AEROTECH PUBLICATIONS INC.

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AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD
T D A T A C O R P O R A T I O N

Manufacturer CESSNA AIRCRAFT CORP.
Model 177 SERIES 177B 17702056
TC A13CE

Registration # N34868 Tach _____
A/C Cert. Date 5-8-95 T.T. _____

*68-17-04 09/07/68 STALL WARNING SYSTEM/
Method of Compliance Inspection N/A SN
SB # _____ DATE 5-8-95
Signature C. E. Cagle Cert # ATP458451365

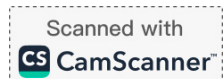
*70-24-04 12/08/70 FUEL SHUT-OFF VALVE/
Method of Compliance Inspection N/A SN
SB # _____ DATE 5-8-95
Signature C. E. Cagle Cert # ATP458451365

71-01-03 01/05/71 CRACKS IN STABILIZER ATTACHMENT ANGLES/
Method of Compliance N/A S/A
SB # _____ DATE _____
Signature [Signature] Cert # ATP458451365

79-08-03 06/06/79 ELECTRICAL SYSTEM/Cigar lighter removed
Method of Compliance N/A S/A PCW Fused sys.
SB # _____ DATE _____
Signature [Signature] Cert # ATP458451365

79-10-14 R1 05/30/88 FUEL TANK VENTING/
Method of Compliance N/A Added N/A SN
SB # _____ DATE _____
Signature [Signature] Cert # ATP458451365

* Indicates Possible Recurring Inspections



ENGINE MAJOR OVERHAULED TO MANUFACTURERS SPECIFICATIONS

TT_2168.4_ TSMOH_2.1_ (test run)

Model_O-360-A1F6_ S/N_L-23178-36A_

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with manufactures specifications and current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repairs are on file at this repair station under,

Work order no. 19128

Date Dec. 06, 2004 Signed Mark L. Lutting for

FAA CERTIFIED REPAIR STATION # DC2R763K.

CUSTOM AIRMOTIVE, INC.
2702 N. SHERIDAN, BLDG. B
TULSA, OK 74115 USA
PH. (918)836-6836 FAX (918)836-9431

Carburetor was also overhauled (see tag). Magnetos, spark plugs, ignition harness, oil filter and fuel pump are new. This engine was equipped with FACTORY NEW LYCOMING P/N 05K21104 STANDARD NITRIDED/STEEL CYLINDERS.

AIRWORTHINESS DIRECTIVES FOR: TYPE CERTIFICATE NUMBER E-286
MODEL_O-360-A1F6_ S/N_L-23178-36A_ WO#_19128_ TT_2168.4_

A.D.#	METHOD OF COMPLIANCE
59-10-07	P/C/W; HAD PROPER BAFFLES AND ASSOC. PARTS.
64-16-05	N/A TO THIS NEW LW-15472 PUMP.
66-20-04	C/W; USED CORRECT GASKET WITH ADAPTER.
73-23-01	N/A TO THESE NEW CYLINDER KITS.
75-08-09	P/C/W (ALSO SEE AD#96-09-10).
87-10-06R1	N/A PER S/N OR THESE ROCKER ARMS.
90-04-06R1	TO BE C/W BY THE INSTALLER OF LINE/TUBE.
92-12-05	N/A TO THESE NEW LW-14078 PINS.
95-07-01	N/A; USED NEW SL-75061 ROD BOLTS.
95-26-02	N/A TO THIS ENGINE.
96-09-10	C/W BY USE OF P/N LW-18109 & 18110 IMP'S, (05K19423S EQUIV.)
97-15-11	N/A TO THESE NEW LW-14078 PINS.
98-02-08	N/A TO THIS CONSTANT SPEED PROP APPLICATION.
98-17-11	N/A; CRANKSHAFT NOT SENT TO NELSON.
2004-10-14	C/W S.B.475C-GEAR MOD., INSP., & RETENTION.


SIGNED Mark L. Lutting FOR CRS# DC 2R763K.

SUB-TOTALS this page

TOTALS-Carry forward to next page

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				
2/5/05	2168.4	2.1	4122.3	INSTALL ENGINE WITH NEW LOR MOUNTS, REPLACE EXHAUST SYSTEM WITH NEW PARTS, REPLACE ALTERNATOR + VACUUM PUMP WITH OVERHAULED PARTS, REPLACE ALTERNATOR BELT, REPLACE EGT PROBE, CLEAN OIL COOLER, REPLACE OIL COOLER HOSES + FUEL RETURN LINE, REPLACE BROKEN ALTERNATOR MOUNTING BRACKET, REPLACE AIR FILTER ELEMENT, REPLACE SCAT TUBING AS NECESSARY, CLEAN + POINT ENGINE MOUNT, FILL WITH PHILLIPS XCOWSD, ALL INDICATIONS NORMAL ON TEST RUN. Hand Signed HAV 893 69589
<p>I CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH ANIA ANNUAL 100 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE <u>2/5/05</u> TOTAL TIME <u>2168.4</u> SIGNED <u>H. L. Wilson</u> HAROLD L. WILSON AP489369589L</p>				
SUB-TOTALS this page				
TOTALS-Carry forward to next page				

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TOTALS brought forward from previous page				
3/8/08	2270.6	104.3	42215	Compression check #1-76, #2-76, #3-78, #4-78 Change oil + filter, Clean plugs, replace air filter element, Service Prop, test Run H L Wilson 3182068IA
<p>CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN/A ANNUAL INSPECTION INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE <u>3/8/08</u> TOTAL TIME <u>2270.6</u></p> <p>SIGNED <u>H L Wilson</u> HAROLD L WILSON AP489369889IA</p>				
4/6/08	2313.7	147.4	4267.6	Compression check, #1-78, #2-78, #3-78, #4-78 Change oil + filter, XC20WSV, Clean plugs, clean engine, replace air filter, Service prop, test Run. H L Wilson 3182068IA
<p>CERTIFY THAT THIS AIRCRAFT ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN/A ANNUAL INSPECTION INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE <u>4/6/08</u> TOTAL TIME <u>2313.7</u></p> <p>SIGNED <u>H L Wilson</u> HAROLD L WILSON AP <u>3182068IA</u></p>				
6/15/09	FOR 2008 ANNUAL INSPECTION SEE AIRFRAME LOG, STICKER IN WRONG BOUL			
<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>				

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										
 Diversified Aviation Resources, LLC 7903 Airport Way • Angleton, TX 77515 (979)864-3888 • Fax (979)864-4364										
<p>DATE 11/19/08 REG#N34868 S/N 17702056 TACH 44239</p> <p>Removed #3 cylinder and sent to Wilson Aircraft INC. for repair. Replaced lifter Installed same cylinder, and replaced push rod and tube. Drained engine oil and removed filter. Replaced filter with CH48110-1 and serviced engine with Rqrts of aeroshell W100. Performed run up and leak check, no defects noted.</p> <p>Signed <u>H L Wilson</u></p>										
<table border="1" style="width: 100%;"> <tr> <td>Date: 6-15-09</td> <td>Aircraft # N34868 Engine</td> <td>Serial # L-23178-36A</td> </tr> <tr> <td>Tach: 44620</td> <td>Total Time: 2508.1</td> <td>SMOH: 3418</td> </tr> </table> <p>Comments: Compression check, #1-76, #2-74, #3-72, #4-72, change oil and filter, Shell W100, clean plugs, replace one, clean engine, replace air filter, service propeller, test run engine, this engine and propeller inspected in accordance with an annual inspection and found to be airworthy.</p> <p>Prepared By H L Wilson Certification # 3182068IA</p>					Date: 6-15-09	Aircraft # N34868 Engine	Serial # L-23178-36A	Tach: 44620	Total Time: 2508.1	SMOH: 3418
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<p>SUB-TOTALS this page</p> <p>TOTALS—Carry forward to next page</p>										

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				
<div style="border: 1px solid black; padding: 5px;"> Date: 7-1-10 Aircraft # N34868 Engine Serial # L-23178-36A Tach: 4518.7 Total Time: 2564.8 SMOH: 398.5 </div> <p>Compression check, #1-76 #2-76 #3-76 #4-76. change oil and filter. Phillips 20W50. clean plugs. clean engine. replace air filter. replace #3 and #4 valve cover gaskets. service propeller. test run engine. AD 09-26-12 N/A. cylinders are new Lycoming. this engine and propeller inspected in accordance with an annual inspection and found to be airworthy.</p> <p style="text-align: right;"><i>H. L. Wilson</i> Prepared By: H. L. Wilson Certification # 31820681A</p>				
<div style="border: 1px solid black; padding: 5px;"> Date: 8-20-2011 Aircraft # N34868 Engine Serial # L-23178-36 Tach: 4570.50 Total Time: 2616.60 SMOH: 450.30 </div> <p>Compression check, #1-76 #2-76 #3-77 #4-74. change oil and filter. Phillips 20W50. clean plugs. clean engine. service propeller. replace air filter. test run engine. no ADS in effect at this time. this engine and propeller inspected in accordance with an annual inspection and found to be airworthy.</p> <p style="text-align: right;"><i>H. L. Wilson</i> Prepared By: H. L. Wilson Certification # 31820681A</p>				
<div style="border: 1px solid black; padding: 5px;"> Date: 11-1-2012 Aircraft # N34868 Engine Serial # L-23178-36A Tach: 4500.80 Total Time: 2646.90 SMOH: 450.60 </div> <p>Compression check, #1-76 #2-74 #3-76 #4-70. change oil and filter. Phillips 20W50. clean plugs. clean engine. replace air filter. service propeller. test run engine. AD 12-19-01 N/A. no evidence of crankshaft being replaced in specified time frame. this engine and propeller inspected IAW an annual inspection and found to be airworthy.</p> <p style="text-align: right;"><i>H. L. Wilson</i> Prepared By: H. L. Wilson Certification # 31820681A</p>				

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				
<p>01-02-14 Tach 4634.2 SMOH 511.9 N34868</p> <p>drained oil pulled filter cut open checked for metal none found. installed new oil filter tempest 48110 added 7 qts phillips 50/20 XC. installed new air filter. compression # 1 80/74 # 2 80/75 # 3 80/75 # 4 80/75. removed all spark plugs cleaned and painted. reinstalled. inspected exhaust system and muffler checked ok. This aircraft engine has been inspected in accordance with a annual inspection and was determined to be in an airworthy condition.</p> <p style="text-align: right;"><i>James R. Kelsey</i> James R. Kelsey 487485822A&I</p>				
<p>Date 7/8/2015 N34868 S/N L-23178-36A TACH 4677.8</p> <p>Performed a 100hr inspection I/A/W Lycoming M/M and CFR 14 FAR 43 appendix D. Performed a compression check #1 72/80 #2 73/80 #3 75/80 #4 73/80. Removed muffler and replaced with a overhauled muffler from Dawley Aviation see WO# 112370. Replaced two exhaust studs. all new exhaust gaskets. and hardware. Replaced all fluid lines with new lines manufactured by Falcon Crest Aviation see WO# 82031. Replaced air filter with new P/N BA5707. Drained engine oil and removed filter. Installed new filter P/N CH48110-1 and serviced engine with 8qts of Phillips 20W50. Performed run up and leak check no defects noted. I certify that this engine has been inspected in accordance with a 100hr INSPECTION and was found to be in a airworthy condition.</p> <p style="text-align: right;">David Whistler A&P 4559368721A <i>[Signature]</i></p>				
<p>23 SEPT 2016 N34868 S/N L-23178-36A</p> <p>TACH: 4732.0 PERFORMED A 100HR INSPECTION THIS DATE IAW LYCOMING, M/M AND FAR 43 APPENDIX "D". DRAINED OIL, R/R OIL FILTER W/NEW CH48110-1 AND SERVICED ENGINE W/8QTS OF PHILLIPS 20W50 OIL. REPAIRED CARB LEAK SHOULD R/R INTAKE GASKETS AND 2 FUEL INJECTOR GASKETS. COMPRESSION TEST AS FOLLOWS: #1 74/80 #2 74/80 #3 73/80 #4 74/80. REPAIRED OIL FILTER TUBE. PAINTED W/PROTEK SAFETY YELLOW.</p>				
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING INSTR. TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
2/25/20	N34868	WASHED ENGINE BAY AND ENGINE COWLINGS TIGHTENED TACH: 4732.0 AND ADJUSTED ALTITUDE AND FUEL SECURED. RUN UP OF ENGINE		
		NO LEAKS NOTED, OILS CHECK SATISFACTORY. ALL AD'S QW TO DATE. END - Jerry B. Parker A&P 3551459 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR/ANNUAL INSPECTION AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION AT THE TIME. END - Jerry B. Parker A&P 3551459 IA TACH: 4732.0		
		OCTOBER 27, 2017 TACH & TT 4794.00 PERFORMED COMPRESSION TEST #1 35/80 #2 67/80 #3 37/80 #4 70/80 CHECKED FILTER NO METAL REMOVED #1 & #3 CYLS FOR LOW COMPRESSION. INSTALLED 2 EA FRESH CHROME CHY ASSY FROM GIBSON AVIATION SEE THEIR WO # 107848 CYL SNS 107848 1 & 2 CLEANED SPARK PLUGS AND GAPPED DRAINED OIL FILLED SUMP WITH 7 QTS AEROSHELL 100 MINERAL OIL INSTALLED CH48110-1 FILTER. INSPECTED ALL ENGINE ACCESSORIES FOR SECURITY CHECKED MAG TIMING ALL WORK COMPLETED USING LYC OM MM RAN ENGINE NO LEAKS JERRY B PARKER A&P2150438 <i>Jerry B. Parker</i>		
		OCTOBER 27, 2017 TACH & TT 4794.00 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION JERRY B PARKER A&P2150438 <i>Jerry B</i>		
3/4/18	N34868	Change oil added 8 qts w/80 check for metal shavings none present. Refer to Service B.P. Parker 13P 5571281		
		DECEMBER 19 2018 TACH & ACTT 4842.80 COMPRESSION CHECK #1 76/80 #2 78/80 #3 76/80 #4 76/80 DRAINED OIL CHECKED FILTER NO METAL FILLED SUMP WITH 7 QTS AEROSHELL W100 INSTALLED CH48110-1 FILTER. INSPECTED ALL ENGINE ACCESSORIES FOR SECURITY CLEANED AND GAPPED PLUGS. INSTALLED 7 REMOVE PLUGS CHECKED MAG TO ENGINE TIMING. RAN ENGINE NO LEAKS JERRY B PARKER A&P2150438 <i>Jerry B. Parker</i>		
		DECEMBER 19 2018 TACH & ACTT 4842.80 I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION JERRY B PARKER A&P2150438 <i>Jerry B. Parker</i>		

TOTALS

N34868
FEBRUARY 22, 2020 TACH 4874.80 SMOH 752.50 COMPLETED COMPRESSION TEST #1 72/80 #2 74/80 #3 78/80 #4 70/80. DAINED OIL, CUT FILTER, NO METAL, ADDED 7 QTS AEROSHELL W100 AND INSTALLED AA48110-2 FILTER. CLEANED AND GAPPED SPARK PLUGS CHECKED MAG TO ENGINE TIMING. RAN ENGINE, NO LEAKS. JERRY B. PARKER A&P2150438

Jerry B. Parker

N34868
FEBRUARY 22, 2020 TACH 4874.80 SMOH 752.50. THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. JERRY B. PARKER A&P2150438

Jerry B. Parker

N34868 Engine
SIG: September 28, 2021 Tach 4879.5 Engine TT 757.20 I certify this engine has been inspected in accordance with CFR 43 appendix D and was determined to be in an airworthy condition.
LS: Shane Packard A&P 3361758

Shane Packard

N34868 Engine
September 28, 2021 Engine Tach 4879.5 Comp checked w/ calibrated orifice 1.70/80 2.70/80 3.72/80 4.70/80 Drained oil, cut filter, checked for abnormalities. Installed new filter P/N AA48110.2 Refilled sump 7 QTS W100 Cleaned Gapped spark plugs. Checked mag engine timing. RAN engine checked for leaks & proper operation.
Shane Packard A&P 3361758

Shane Packard

TACH 4990.5 TSMOH 758.2
I CERTIFY THAT I HAVE INSPECTED THIS ENGINE AND PROP FOR AN ANNUAL INSPECTION AND FIND IT TO BE IN AIRWORTHY CONDITION. COMPRESSION CHECK 1.78/80 2.78/80 2.74/80 4.76/80
JERRY B. PARKER A&P/IA 2732529
Jerry B. Parker 5/10/2022

TACH 4882.7 TSMOH 760.4 DATE 12.10.22
OWNER REMOVED RIGHT MAG AND INSTALLED ANAL ELECTRONIC MAG FROM SERP FIRE ELECTRONIC IGNITION. STC # SE04349 CH. DATE OF ISSUANCE 10-31-2022
TIMING WAS VERIFIED ALL WIRE ROUTING IS FREE FROM CONTROL CABLES, firing back 1/9
A&P/IA 2732529

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Custom Airmotive, Inc.

AIRCRAFT ENGINE SERVICE
 FAA REPAIR STATION #DC2R763K
 2702 N SHERIDAN RD - BLDG B - TULSA - OK - 74115
 918 836.6836 FAX 918 836.9431

ENGINE RUN-IN SHEET

CUSTOMER Wilson Aircraft W.O. NO. 19128
 ADDRESS 21904 Hempstad Highway DATE 12-1-04
 CITY, STATE, ZIP Cypress, TX 77429 ENGINE MODEL 0-360-A1F6
 FUEL OCTANE = AVGAS 100 LL SERIAL NO. L-23178-36A

NO.	DURATION (MINUTES)	R.P.M.	OIL PRESS (PSI)	C.H.T. (deg. F)	MANIFOLD PRESS (PSI)	OIL TEMP (deg. C)	FUEL PRESS (PSI) PUMP/NOZ	CRANKCASE PRESS (In. H2O)
1	10	1200	72	275	14	50	5.4	0
2	10	1500	70	300	15	80	6.2	0
3	10	1800	75	325	18	80	5.4	0
4	10	2000	75	375	20	80	5.2	1/8"
5	10	2200	78	355	22	81	5	1/4"
6	10	2400	80	375	24	81	4.8	7/16"
7	5	2700	88	375	28	81	4.4	1 1/2"
8	60	2450	80	375	24	81	4.8	7/16"
9	5	650	50	300	17	81	5	0
10								
11								
12								

REMARKS: Start 30.3 end 32.4

MAG CHECK - START: OK END: OK

OIL - START: 8 END: 8 qt.

MECHANIC *Ry*

INSPECTED *Michael L. Feltz*