

The Standard
 ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer Lycoming Model O-360-C1F
Serial L-40595-36A Type Certificate 286
This engine is currently installed in aircraft: MAKLE M-4 180V 70-47010F
Model M-7-180B S/N 22045C Reg. N3146R
Minimum Octane Fuel 100/100LL Oil Grade Summer 50 Winter 30
Magnetos Time _____ Point Setting _____ Firing Order _____
Spark Plug Gap _____
Manufacturer's Recommended Overhaul at 2,000 hours

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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YEAR DATE	RECORDING TACH TIME
2006 10/2	1.6

NEW RECIPROCATING ENGINE CERTIFICATE

This is to certify that the engine as described hereinafter has been manufactured run-in and tested as prescribed by LYCOMING specifications and Federal Aviation Regulations. No further run-in is required. All applicable Federal Aviation Airworthiness Directives and Lycoming Service Bulletins have been complied with at time of Manufacture.

MODEL O-360-C1F SERIAL NO. L-40595-36A
 DATE 4/20/06 [Signature]
 (AUTHORIZED REPRESENTATIVE)
LYCOMING **LYCOMING ENGINES**
A Textron Company 652 Oliver Street
Williamsport, PA 17701 U.S.A.

Form No. 777-B (Rev. 3/03)

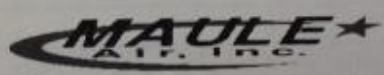
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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2006
10/2 1.6 1.6

ENGINE IN SERVICE AT THIS TIME.
HOURS INCLUDE PRODUCTION FLIGHT TEST.

SIGNED: [Signature]
CHARLES DERMYRE, FAA DMIR142071CE



LYCOMING
A Textron Company
 652 Oliver Street
 Williamsport, PA 17701 U.S.A.
 570/323-6181

ENGINE SERIAL NUMBER L-40595-36A
 IN SERVICE DATE 100206 ENG. T.I. 1.6

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

YEAR 2007 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-3	25.9		25.9	25 HR. INSPECTION C/O THIS DATE. CHANGED OIL, FILTER, FILLED WITH 8qt AEROSHELL W/100 OIL. INSPECTED AND USED ALL ENG. CONTROLS RUSH-PULL CABLES. ENGINE LEAK CHECKED AND RETURNED TO SERVICE THIS DATE. K. W. W. 260137002 A.P.
5-17	55.6		55.6	CHANGED OIL & FILTER. FILLED WITH 8qt AEROSHELL W/100 OIL. K. W. W. 260137002 A.P.
5-25	86.2		86.2	CHANGED OIL, FILTER. FILLED WITH 8qt AEROSHELL W/100. K. W. W. 260137002 A.P.

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I certify that this ENGINE
has been inspected in accordance with an
ANNUAL inspection and was determined
to be in an airworthy condition.
Name K. W. J. A. No. 260137002
Date 6-8-07 Tach 112-0 T.T. 112-0

YEAR _____
DATE _____

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Certificate Number of
or specific entries.)

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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MAULE Flight, Inc. 290 Harper Blvd. Ste. 1 · Moultrie, GA · 31788 · 229-985-6197 9/28/07 TACH: 222.1 100 HR. INSPECTION C/W THIS DATE. CHANGED OIL, FILTER, CHECKED ALL OIL AND FUEL SCREENS. FILLED WITH 8 QTS. AEROSHELL W/100 OIL. CLEAN, GAP, ROTATED PLUGS, CHECKED COMP. AT 80 PSI 1/77 2/77 3/77 4/78. INSPECTED AND LUBED ALL CONTROL AND PUSH PULL CABLES. A.D.s CHECKED THRU 2007-19F. ENGINE RUN UP AND RETURNED TO SERVICE THIS DATE. <u>K. Wilkins 260137002 A+P</u>
2007				
10-26	249.9		249.9	CHANGED OIL & FILTER, FILLED WITH 8 qts AEROSHELL W/100 OIL. <u>K. Wilkins 260137002 A+P</u>

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12-17	276.2		276.2	CHANGED OIL AND FILTER. SERVICED WITH 8 qts AEROSHELL 15-50 OIL. <u>K. Wilkins 260137002 A+P</u>
3-14-08	302.		302.	CHANGED OIL AND FILTER. FILLED WITH 8 qts AEROSHELL W/100 OIL. <u>K. Wilkins 260137002 A+P</u>
4-4-08	331.0		331.0	CHANGED OIL AND FILTER. FILLED WITH 8 qts AEROSHELL W/100 OIL. <u>K. Wilkins 260137002 A+P</u> 100 HR. INSPECTION C/W THIS DATE. CHECKED ALL FUEL SCREENS. CHECKED COMP. AT 80 PSI 1/77 2/77 3/72 4/77 CLEAN, GAP, ROTATED PLUGS, LVC. A.D. 2006-06-16 CRANKSHAFT N/A BY FIB. MODEL. 2006-10-21 C2 ECT RODS N/A FACTORY RODS INST.

YEAR
DATE

2008
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Repairs and Alterations
Certificate Number of
(other specific entries.)

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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				2006-12-07 FCS CYL. NIA FACTORY CYL. INSTALLED
				2006-20-09 CRANKSHAFT NIA BY ENG. MODEL.
				2007-09-19 R1 SAP CYL. NIA FACTORY CYL. INSTALLED.
				2008-06-51 INJECTION SERVO NIA BY MODEL.
				A.D.S. CHECKED THEN 2008-06 F. ENGINE RUN-UP AND RETURNED TO SERVICE THIS DATE. V. WJW 260137002 A+P
				I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in an airworthy condition. Name <u>V. WJW S.A.</u> No. <u>260137002</u> Date <u>4-4-08</u> Tach <u>331.0</u> T.T. <u>331.0</u>
2008	5-30	364.8	364.8	CHANGED OIL, FILTER. FILLED WITH 8 qts. W/100 AEROSHELL. V. WJW 260137002 A+P

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2008				
6-10	374.2		374.2	REPLACED STARTER WITH 88243CRADLE ASSY PIN 149-1213 SIN F2L-110711 THIS DATE. V. WJW 260137002 A+P
2008				
9-15	402.3		402.3	CHANGED OIL & FILTER. FILLED WITH 8 qts AEROSHELL W100 OIL. V. WJW 260137002 A+P

YEAR
DATE

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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290 Harper Blvd. Ste. 1 · Moultrie, GA · 31788 · 229-985-6197
 1/23/09 TACH : 435.0 TTSN : 435.0 0-360-C1F S/N L-40595-36A
 100 HR INSPECTION C/W THIS DATE. CHANGED OIL, FILTER, CHECKED
 ALL OIL & FUEL SCREENS, FILLED WITH 8 QTS. AEROSHELL W/100
 OIL. CLEAN, GAP, ROTATED PLUGS. #1/77, #2/76, #3/77, #4/77. SLICK
 S.B. SB3-08 C/W STEP 2&3 THIS DATE OK, NO FURTHER INSPECTIONS
 PER THIS BULLETIN ARE REQUIRED UNLESS BRUSH OR DISTRIBUTOR
 OR ASSY. IS REPLACED. MAG P/N 4370 S/N 05111420, P/N 4371
 S/N 05102190. AD 2008-19-05 ECI CYL. ASSY. N/A FACTORY CYL.
 INSTALLED. ADS CHECKED THRU 2009-01F. I CERTIFY THAT THIS
 ENGINE HAS BEEN INSPECTED I/A/W A 100 HR AND AN ANNUAL
 INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AND
 IS RETURNED TO SERVICE THIS DATE.

260137002 A&P/IA K. Wilbur

YEAR 2009 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3-24 466.5 466.5 CHANGED OIL & FILTER. FILLED
 WITH 8 qts AEROSHELL W/100 OIL.
 K. Wilbur 260137002 A-P

2009
 6/11 494.3 494.3 CHANGED OIL & FILTER. FILLED
 WITH 8 qts AEROSHELL W/100.
 K. Wilbur 3404594 A-P

2009
 7-20 514.2 514.2 CHANGED OIL & FILTER. FILLED WITH
 8 qts AEROSHELL W/100 OIL.
 K. Wilbur 3404594 A-P

Operations
Number of
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MAULE <i>Flight, Inc.</i> 290 Harper Blvd. Ste. 1 - Moultrie, GA - 31788 - 229-985-6197 8/21/09 TACH: 528.7 0-360-C1F S/N L-40595-36A 100 HR INSPECTION C/W THIS DATE. CHANGED OIL, FILTER, CHECKED ALL OIL & FUEL SCREENS. FILLED WITH 8 QTS. AEROSHELL W/100 OIL. CHECKED COMP. AT 80 PSI #1/78, #2/76, #3/76, #4/78. REPLACED ALL SPARK PLUGS P/N UREM-38E. CHECKED TIMMING OF MAGS TO ENGINE. ADs CHECKED THRU 09-17F. ENGINE RUN-UP AND RETURNED TO SERVICE. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I/AM A 100 HR AND AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION AND IS RETURNED TO SERVICE THIS DATE. 3404594 A&P/A <u>K. W. Wiken</u>

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-10	550.		550.	CHANGED OIL & FILTER. FILLED WITH 8 qts w/100 AEROSHELL. K. W. Wiken 3404594 A-P
10/10/09	575.6		575.6	CHANGED OIL & FILTER. FILLED WITH 8 qts w/100 AEROSHELL OIL. K. W. Wiken 3404594 A-P
10/20/09	600.0		600.0	CHANGED OIL & FILTER. FILLED WITH 8 qts w/100 AEROSHELL OIL. K. W. Wiken 3404594 A-P

YEAR DATE	RECORDING TACH TIME
2009 10-24	612

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Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

MAULE
Flight, Inc.

290 Harper Blvd. Ste. 1 - Moultrie, GA - 31788 - 229-985-6197
100 HR INSPECTION C/W THIS DATE. CHANGED OIL & FILTER.
CHECKED ALL OIL & FUEL SCREENS. CHECKED FILTER FOR METAL
FILLED WITH 8 QTS. W/100 AEROSHELL OIL. CLEAN, GAP, ROTATED
PLUGS. CHECKED COMP. AT 80 PSI #1/77, #2/77, #3/74, #4/75.
CHECKED TIMING OF MAGS TO ENGINE. ADs CHECKED THRU
2009-21F. ENGINE RUN-UP AND RETURNED TO SERVICE THIS DATE.

3404594 A&P K. Williams

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

MAULE
Flight, Inc.

290 Harper Blvd. Ste. 1 • Moultrie, GA • 31788 • 229-985-6197

12/14/09 TACH: 639.8 TTSN: 639.8 0-360-C1F S/N L-40595-36A

ENGINE DIS-ASSEMBLED DUE TO PROP STRIKE. CRANKSHAFT, CRANKSHAFT GEAR, CAMSHAFT, AND LIFTERS WERE SENT OUT TO AIRCRAFT SPECIALTIES SERVICES FOR INSPECTION AND RECERTIFICATION. SEE YELLOW TAGS W/O 176470. ENGINE WAS RE-ASSEMBLED WITH THE FOLLOWING NEW PARTS : 1 STD 2246 BOLT, 2 18A19441 FRW BEARINGS, 2 18D23135 MAIN BEARINGS, 8 18M19389 ROD BEARINGS, 8 LW-12186, ROD NUTS, 8 75061 ROD BOLTS, 4 STD 1821 HOSE, 4 69603 HOSE, 1 MS16625-1081 RET. RING, AND 1 75439-1 GASKET SET. CYLINDERS WERE NOT DIS-ASSEMBLED AT THIS TIME. ALL WORK WAS DONE I/A/W LYCOMING O/H MANUAL 60294-7. REPLACED STARTER WITH O/H UNIT P/N 149-12LS S/N F2L-110711. FILLED WITH 8 QTS. W/100 AEROSHELL. ENGINE WAS PRE-OILED AND RUN-IN I/A/W LYCOMING MANUAL 60294-7 TABLE 9-2. LYC. AD 04-10-14 PROP STRIKE INSPECTION C/W THIS DATE. ENGINE RETURNED TO SERVICE THIS DATE.

3404594 A&P/IA

K. W. Jones

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YEAR 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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5/14	667.5		667.5	CHANGED OIL & FILTER. FILLED WITH 8 qts AEROSHELL W/100 OIL. K. W. W. 3404594 A&P
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2010

6-23	694.7		696.7	CHANGED OIL & FILTER. FILLED WITH 8 qts AEROSHELL W/100 OIL. K. W. W. 3404594 A&P
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YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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290 Harper Blvd. Ste. 1 · Moultrie, GA · 31788 · 229-985-6197
9-14-10 TACH: 715.4 TTSN: 715.4 S/N L-40595-36A

100 HR INSPECTION C/W THIS DATE. CHANGED OIL AND FILTER,
CHECKED ALL OIL AND FUEL SCREENS, FILLED WITH 8 QTS. AERO-
SHELL W/100 OIL. CLEAN, GAP, ROTATED PLUGS. CHECKED COMP.
AT 80 PSI #1/75, #2/77, #3/75, #4/77. AD 09-2612 ECI CYL. N/A. ENG.
HAS FACTORY CYL. INSTALLED. ADs C/W THRU 2010-18F. ENGINE
RUN-UP, LEAK CHECKED, AND RETURNED TO SERVICE. I CERTIFY
THAT THIS ENGINE HAS BEEN INSPECTED I/A/W A 100 HR AND AN
ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION
AND IS RETURNED TO SERVICE THIS DATE.

3404594 A&P/A K. W. W.

Alterations
Number of
specific entries.)

YEAR 2010 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/10	743.6		743.6	CHANGED OIL + FILTER. FILLED WITH 8qts. AEROSHELL W/100 OIL. K. Wilko 3404594 A&P
3-8-11	770.0		770.	CHANGED OIL + FILTER. FILLED WITH 8qts. AEROSHELL W/100 OIL. K. Wilko 3404594 A&P
6-1-11	800.0		800.0	CHANGED OIL + FILTER. FILLED WITH 8qts. AEROSHELL W/100 OIL. K. Wilko 3404594 A&P

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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290 Harper Blvd. Ste. 1 - Moultrie, GA - 31788 - 229-985-6197
11/7/11 Tach: 842.3 TTSN: 842.3 S/N L-40595-36A

100 hr. inspection c/w this date. Changed oil and filter, checked all oil and fuel screens, filled with 8 qts. Aeroshell w/100 oil. Clean, gap, rotated plugs. Comp. checked #1/76, #2/77, #3/76, #4/76. ADs c/w thru 10-28-11. Engine run-up, leak checked and returned to service this date. I certify that this engine has been inspected i/a/w a 100 hr. and an annual inspection and found to be in airworthy condition and is returned to service this date.

3404594 A&P/IA K. Wilko

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YEAR 2012 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5-8	878.2		878.2	CHANGED OIL, FILTER, AIR FILTER. FILLED WITH 8 QTS. W/100 AEROSHELL OIL. K. WILSON 3404594 A&P



290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197

1/21/13 Tach: 900.0 TTSN: 900.0 S/N L-40595-36A
100 hr. inspection c/w this date. Changed oil, filter, and air filter, checked all oil
and fuel screens, filled with 8 qts. Aeroshell w/100. Replaced spark plugs p/n
REM 38E. Checked timing of mags to engine. Checked comp #1/77, #2/75,
#3/78, #4/78. ADs c/w thru 1/18/13. Engine run-up and leak checked. I certify
that this engine has been inspected i/a/w a 100 hr. and an annual inspection
and found to be in airworthy condition and is returned to service this date.

3404594 A&P/IA

K. Wilson

YEAR 2013 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-13	935.0		935.0	Changed oil and filter. Filled with 8 qts w/100 OIL, Aeroshell. K. Wilson 3404594 A&P
9-6-13	970.2		970.2	CHANGED OIL & FILTER. FILLED WITH 8 qts AEROSHELL w/100. K. Wilson 3404594 A&P

YEAR

DATE

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				MAULE Flight, Inc.  290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197 3/16/14 Tach: 988.0 TTSN: 988.0 S/N L-40595-36A 100 hr. inspection c/w this date. Changed oil, filter, checked all oil and fuel screens. Checked filter for metal, checked normal. Filled with 8 qts. aeroshell w/100 oil. Checked comp. #1/76, #2/76, #3/77, #4/72. Clean and gap plugs. Engine run-up and leak checked. ADs c/w thru 3-12-2014. I certify that this engine has been inspected i/a/w a 100 hr. and an annual inspection and found to be in airworthy condition and is returned to service this date. 3404594 A&P/IA <u>K. Wilkes</u>

YEAR 2014 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7-25	1025.6		1025.6	Changed Oil & Filter. Filled with 8qts Aeroshell w/100 oil. K. Wilkes 3404594 A&P



290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197
8/15/14 Tach: 1062.3 TTSN: 1062.3 S/N L-40595-36A
100 hr. inspection c/w this date. Changed oil, filter, checked all oil and fuel screens, checked filter for metal, no metal. Filled with 8 qts. Aeroshell w/100. Checked comp. #1/76, #2/78, #3/77, #4/73. Clean and gap plugs. ADs c/w thru 8-15-2014. Inspected and lubed all engine controls and push pull cables. Engine run-up, leak checked. I certify that this engine has been inspected i/a/w a 100 hr inspection and found to be in airworthy condition and is returned to service this date.

3404594 A&P/IA K. Wilkes

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION Entries must be endorsed with name of Technician or Repair Facility. (See back pages for other info.)
				MAULE Flight, Inc. 290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197 2/3/15 Tach: 1085.6 TTSN: 1085.6 S/N L- 40595-36A Changed oil and filter, filled with 8 qts. Aeroshell w/100 oil. Replaced both magnetos with new Slick Magnetos model 4370 s/n 14120008 and 4371 s/n 15010824. Engine run-up and leak checked. Engine returned to service this date. 3404594 A&P <u>R. Wilks</u>

YEAR DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	DESCRIPTION Entries must be endorsed with name of Technician or Repair Facility. (See back pages for other info.)
				WARNING - When installing drive gear or driver onto magneto, torque nut provided to 120 to 180 inch lbs. - Use only the installation hardware provided. - Secure nut with appropriate cotter pin. FAA-PMA Approved This magneto was manufactured from all new components in accordance with 14 CFR Part 21.303h and is airworthy. This magneto is FAA-PMA approved for applications listed in the Champion/Slick L-1318 Document in the F-1100 Master Service Manual. For LASAMP Magnetos, see L-1500 Manual. Enter magneto model, serial number, and date of installation, and attach this tag to engine logbook. Magneto Model No. <u>4370</u> Magneto Serial No. <u>14120008</u> Date of Installation <u>2-3-15</u> Change magnet 150108 March 30, 2009 Engine run-up and leak checked. Engine returned to service this date. 3404594 A&P <u>R. Wilks</u>

YEAR 2015 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-13	1113.7		1113.7	Changed Oil, Filter, Air Filter. Filled with 8qts Aeroshell w/100 Oil. Leak Check and Returned To Service This Date. K. Wicks 3404594 A&P



290 Harper Blvd. STE. I Moultrie Ga. 31788 229-985-6197
 10/9/15 Tach: 1141.7 TTSN: 1141.7 S/N L-40595-36A
 100 hr inspection c/w this date. Changed oil, filter, checked all oil and fuel
 screens. Checked filter for metal, no metal. Clean and gap plugs. Filled with 8
 qts. Aeroshell W/100 oil. Checked comp. #1/74, #2/70, #3/75, #4/73. Checked
 timing of mags to eng. ADs c/w thru 10-2-2015 inspected and lubed all engine
 controls and push-pull cables. Engine run-up, leak checked. I certify that this
 engine has been inspected i/a/w a 100 hr and an annual inspection and found
 to be in airworthy condition and is returned to service this date.

3404594 A&P/A

K. Wicks

YEAR 2016 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-20	1183.1		1183.1	Changed Oil, Filter. Filled with 8qts AeroShell w/100 oil. Leak Checked And Returned to Service This Date. 3404594 A&P



290 Harper Blvd. STE. I Moultrie Ga. 31788 229-985-6197
 3/29/16 Tach: 1223.4 TTSN: 1223.4 S/N L-40595-36A
 100 hr. inspection c/w this date. Changed oil, filter, checked all oil and fuel
 screens, checked filter for metal, no metal. Filled with 8 qts. Aeroshell w/100.
 Checked comp. #1/76, #2/76, #3/77, #4/74. AD 2012-19-0 crankshaft n/a.
 2012-03-07 carb n/a by model. 2015-02-07 prop gov. shaft set screw n/a. ADs
 c/w thru 3-11-2016. Inspected and lubed all engine controls and push pull
 cables. Engine run-up, leak checked. I certify that this engine has been
 inspected i/a/w a 100 hr and an annual inspection and found to be in airworthy
 condition and is returned to service this date.

3404594 A&P/A

K. Wicks

YEAR 2019 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-3	1248.7		1248.7	Changed oil filter, Air Filter. Filled with 8 qts Aero Shell w/100 Oil. Leak Checked And Returned To Service This Date. K. Wilkes 3404594 A-P
10-31-16	1266.3		1266.3	Engine Removed From Maula M-4-180V N3140R S/N 47010T And Removed From Service This Date. K. Wilkes 3404594 A-P Engine Removed From Maula M-4-180V S/N 47010T N3140R This Date. K. Wilkes 3404594 A-P

YEAR
2018
DATE
4-4

YEAR 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-4	0-0		1266.3	Engine Installed MAULE Flight, Inc. 290 Harper Blvd. Ste. 1 • Moultrie, GA • 31788 • 229-985-6197 4/4/18 0-360-C1F S/N L-40595-36A Tach: 0 TTSN: 1266.3 TTSMOH: 0 Engine disassembled due to prop strike inspection and overhaul. Crankshaft, crank gear, camshaft, connecting rods, lifters, rocker arms, hydraulic units and all steel parts were sent out to Aircraft Specialties Services for inspection see yellow tags w/o 246374 dated 1/9/18. Cylinders were sent to Harrison Engine Services for NuChrome and overhaul see form 8130-3 w/o 98376 thru 98379. Crankcase sent to CSI for inspection see 8130-3 w/o CSI-28059 dated 1/4/18. Engine was reassembled with the following new parts: 1 crank gear bolt STD-2213, 8 rod bearings, 8 rod nuts, 8 rod bolts, 2 Frw main bearings SL 13884A, 4 main bearings, 4 pistons SL 75089A, 8 piston pin plugs 72198, 4 ring sets SL 5401-SC, 4 rocker shafts SL 13790A, 4 hose STD-18214 & SL 69603, 8 thrust buttons 12892, 1 o/h gasket set 75439-1, 1 fuel pump LW-16335 s/n RC04160626, 8 spark plugs REM-37BY, 2 magnetos p/n 4370 s/n 17110394 and 4371 s/n 17040874, 1 ignition harness M4001, 1 carburetor HA-6 p/n 10-5255 s/n 75C58704, 1 starter 149-12LS s/n H-R113173, 1 O/H Alternator ALY-6520 s/n H-R081502, 1 belt 37A19773-376. All work was done i/a/w Lycoming O/H manual p/n 60294-7. Engine was filled with 9 qts. Aero Shell mineral oil, pre-oiled and run-in i/a/w break-in procedure per NuChrome cylinders. I certify that this engine has been inspected i/a/w a 100 hr and an annual inspection and found to be in airworthy condition and is returned to service this date. See AD list. 3404594 A&P/IA K. Wilkes

YEAR 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10-13	9.9		1276.2	Changed Oil. Filter Filled With 8qts Aero Shell Straight Mineral Oil. K. Wilkes 3404594 A&P
T.T.S.M.	9.9			
2019				
3/28	24.0		1290.3	
T.T.S.M.	24.0			



290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197

3/28/19 Tach: 24.0 TTSMOH: 24.0 TTSN: 1290.3 S/N L-40595-36A
 100 hr. inspection c/w this date. No oil change this date. Checked comp.
 #1/80, #2/79, #3/80, #4/80. Clean plugs. Checked timing of mags to engine.
 Engine leak checked and flight tested. Inspected and lubed all engine controls
 and push-pull cables. ADs c/w thru 2019-06. I certify that this engine has been
 inspected i/a/w a 100 hr. and an annual inspection and found to be in airworthy
 condition and is returned to service this date.

3404594 A&P/IA K. Wilkes

YEAR 2020 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/27	43.8		1310.1	
T.T.S.M.	43.8			



290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197

3/27/2020 Tach: 43.8 TTSN: 1310.1 TTSMOH: 43.8 S/N L-40595-36A
 100 hr. inspection c/w this date. Changed oil, filter, checked all oil and fuel
 screens. Checked filter for metal no metal this date. Filled with 8 qts, Aeroshell
 W/100 oil. Checked comp. #1/79, #2/78, #3/78, #4/79. Clean and gaped plugs.
 Checked timing of mags to engine. Engine leak checked. Inspected and lubed
 all engine controls and push-pull cables. ADs c/w thru 2020-07. I certify that
 this engine has been inspected i/a/w a 100 hr. and an annual inspection and
 found to be in airworthy condition and is returned to service this date.

3404594 A&P/IA K. Wilkes

YEAR 2020 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/27	45.5		1311.7	 290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197 10/27/2020 Tach: 45.5 TTSN: 1311.7 TTSMOH: 45.5 S/N L-40595-36A 100 hr. inspection c/w this date. No oil change this date. Checked comp. #1/77, #2/77, #3/76, #4/76. Inspected and lubed all engine controls and push- pull cables. McCauley AD 20-19-06 Prop Gov. model DC290D1/T12 s/n 150417 n/a i/a/w ASB273C. ADs c/w 2020-22. I certify that this engine has been inspected i/a/w a 100 hr. and an annual inspection and found to be in airworthy condition and is returned to service this date. 3404594 A&P/IA <u>K. Walker</u>
TTSMOH	45.5			

YEAR
2021
DATE
10/14
TTSM

and Alterations
Certificate Number of
for specific entries.)

YEAR 2021 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/14	46.1		1312.3	 290 Harper Blvd. STE. 1 Moultrie Ga. 31788 229-985-6197 10/14/2021 Tach: 46.1 TTSN: 1312.3 TTSMOH: 46.1 S/N L-40595-36A 100 hr. inspection c/w this date. No oil change this date. Checked comp. #1/77, #2/77, #3/76, #4/76. Checked timing of mags to engine. Inspected and lubed all engine controls and push-pull cables. Lyc. AD 20-25-12 SAP crankshaft n/a by p/n. ADs c/w thru 2021-21. I certify that this engine has been inspected i/a/w a 100 hr. and an annual inspection and found to be in airworthy condition and is returned to service this date. 3404594 A&P/IA <u>K. Walker</u>
TTSMOH	46.1			

197
N L-40595-36A
ed comp.
trois and push-
1/T12 s/n
engine has
nd to be in

YEAR 2022	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2/1	91.7		1,352.9	2/1/22 N3171H Tach: 91.7 Drained oil and changed filter (AA48110-2). Inspected filter and sump screen, no contamination noted. Oil sample taken. Serviced with 7 Qts of AeroShell 100 + and one PT CamGuard. B. J. Boyle A&P 1867597 IA <i>BJB</i>
5/19	116.4			05/19/2022 N3171H Tach: 116.4 Drained oil and changed filter (AA48110-2). Inspected filter and sump screen, no contamination noted. Serviced with 7 Qts of AeroShell 100 + and one PT CamGuard. Replaced air filter BA-6108 B. J. Boyle A&P 1867597 IA <i>BJB</i>



ARLIN'S AIRCRAFT SERVICE, INC.

200 Wings Way, Belgrade, MT 59714 (406) 898-2912
CRS QMSR150N (KIBZ)

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SMOH
20 AUG 2022	N3171H	O-360-C1F	L-40595-36A	142.3	142.3

Removed engine for an engine prop strike inspection. See enclosed engine log books.

Arin C. Wass
Arin C. Wass A&P 1340061



WESTERN Skyways INC.

GOLD SEAL AIRCRAFT ENGINES

21 Creative Place Montrose, CO 81401 CRS # WS9R5753

Engine Model: O-360-C1F

Serial Number: L-40595-36A

Time: 1408.6 TTE, 142.3 TSO

Work Order: W059471

Date: 5 DEC 2022

This engine was disassembled and cleaned for a prop strike inspection per Lycoming SB 533C.

Crankcase match number TPK146PT was repaired by Divco, Inc. see 8130-3 form Invoice # 135976 dated 13 Oct 2022. Fluorescent penetrant inspected accessory housing, oil sump and ring gear. Crankshaft S/N V537944154 was visual, dimensional, and magnetic particle inspected. Magnetic particle inspected connecting rods, crankshaft gear, idler shafts, idler gear, hydraulic pump shaft, fuel pump plunger, fuel pump idler gear, oil pump drive shaft, oil pump drive and driven gear, thru bolts, rocker arms, and pushrod sockets.

Installed repaired camshaft part number LW18840 (LW11754), see Aircraft Specialties Service, Inc 8130-3 Work Order 275479 dated 1 NOV 2022. Installed overhauled lifters 72877, see Aircraft Specialties Services, Inc 8130-3 forms (x2) Work Order 275351 dated 17 OCT 2022. Installed new rocker arm bushings SL74637. Installed new rocker shafts SL13790A.

Installed new magnetos model 4371 serial number 22080225, and P/N: 4370 serial number 22080851.

Cylinders, P/N: LW-12427, serial numbers 1) 043332-12, 2) 043332-6, 3) 043332-18, and 4) 043088-19 were honed to STD limits and new ring set, P/N: SL5401-SC installed. Installed new piston pins SL13444-1. Complied with AD2004-10-14 and MSB 475C; inspected crankshaft counterbore recess, installation of crankshaft gear, installation of new dowel, and new bolt P/N: STD-2246 and new lock plate. Complied with AD 2017-16-11 and MSB 632 by completion of the connecting rod bushing press out verification procedure using tool P/N: ST-531. Bushings did not move.

Engine was reassembled using new rod and main bearings, new rod bolts and nuts, new gaskets, and seals. Engine was run in a test cell for leak and operations check. All work was done per Lycoming Overhaul manual No. 60294-7-14, Table of Limits, and applicable service publications.

The engine and/or component identified above was repaired and inspected I/A/W current FAA Regulations and found Airworthy for return to service. Pertinent details of this repair are on file at this Repair Station under above work order.

Signed:

Ryan Dickerson
Ryan Dickerson
CRS# WS9R5753

Form 201E

YEAR

DATE



ARLIN'S AIRCRAFT SERVICE, INC.

200 Wings Way, Belgrade, MT 59714 (406) 898-3812
CRS (MSTR150N) (KRGZ)

nd Alterations
date Number of
specific entries.)

DATE	REGISTRATION	ENGINE	SERIAL #	TAC	SMGR
18 JAN 2023	N3171H	O-360-C1F	L-40595-36A	142.3	142.3

Inspection completed this date. Cleaned plugs. Checked mag timing. Changed oil (Aeroshell 30 non-detergent) and filter. Checked alternator. Checked starter. Pressure checked exhaust system. Installed engine with new engine mounts. Had crack in the left muffler repaired. Installed a new Brackett air filter assembly, P/N BA6110 Rev. 6. Checked controls. Washed and ran engine. I certify that this engine has been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

Alan C. Wain
Alan C. Wain A&P 2386273

nd Alterations
date Number of
specific entries.)

YEAR

DATE

N3171H
LYCOMING O-360-C1F

Date 01-09-2025
S/N L-40595-36A

TACH:
168.3

TSN:
168.3

- Removed Engine for prop strike inspection.
- This engine was disassembled and cleaned for prop strike inspection per Lycoming SB 533C.
- C/W AD2004-10-14 and MSB 475C Inspected and installed new bolt P/N STD-2246 and new lock plate.
- No new or recurring AD'S due at this time.
- Reinstalled engine on aircraft.
- Drained engine oil, Removed oil filter, Inspected oil filter. No discrepancies noted. Serviced engine with Aeroshell W 100 Plus Aviation oil 7 quarts and AA48110-2 oil filter.
- Checked compressions 1.) 76/80 2.) 77/80 3.) 76/80 4.) 76/80
- Removed, Inspected, cleaned and gaped spark plugs.
- Replaced air filter BA-6108
- Cleaned and inspected fuel screens.
- Inspected Exhaust.
- Cleaned Engine and Lubed Engine Controls.
- Ran engine leak and ops checked good at this time.
- All work performed IAW Lycoming Overhaul Manual.

COMPLIED WITH Engine100 HR INSPECTION THIS DATE IN ACCORDANCE WITH
FAR 43 APPENDIX D CHECKLIST. This engine is approved for return to service.

Jason Barber

Jason Barber

A&P 429531166

YEAR

N3171H
LYCOMING 0-360-C1FDate 01-10-2025
S/N L-40595-36ATACH:
169.5TSN:
169.5

DATE

I CERTIFY I HAVE INSPECTED THIS Engine IN ACCORDANCE WITH AN ANNUAL INSPECTION PER FAR 43 APPENDIX D CHECKLIST AND
DETERMINED IT TO BE IN AIRWORTHY CONDITION at this time. This Engine is approved for return to service.

WYATT AIRCRAFT SERVICE, LLC
351 BEND ROAD
BATESVILLE AR 72501
(501) 289-4661

FINIS MATTHEW WYATT
Finis Matthew Wyatt
A&P 3133824 1A

YEAR

DATE

The subject aircraft was involved in an incident /
accident on 7/4/2023, rendering it a Constructive Total
Loss as not repairable within its insured value. For
further details refer to insurance claim: 8438783917US.

Signed: **Underwriters Salvage Company**

Date: **12/19/2023**

AIG Aerospace Adjustment Services, Inc.
3500 Lenox Road, Suite 1100
Atlanta, GA 30326