

41
Closed See
#2 for Current
Status. O.C.

 The Standard
-ENGINE LOG

ASA-SE-2

The Standard
ENGINE LOG

ASA-SE-2

DATE 19__	RECORDING TACH TIME	TODAYS 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.)
6-01-05	Tac 2309 TSMOH TTE	541 558 2367		Remove engine for overhaul this date all time totaled & forwarded. This Log closed see #2 Log for status. AP [Redacted]

#2

The Standard
ENGINE LOG

MENA AIRCRAFT ENGINES, INC.
HIGH PERFORMANCE ENGINES, LLC

FAA Certified Repair Station [REDACTED]
[REDACTED] Mena, Arkansas 71953
[REDACTED]

The Standard
ENGINE LOG

ASA-SE-2

Engine Record General Information

Manufacturer TEXTRON - LYCOMING

Model O-360 - A4K

Serial L-22351-36A

Type Certificate _____

This engine is currently installed in aircraft: _____

Minimum Octane Fuel _____

Oil Grade Summer _____

Winter _____

Magneto Time _____

Point Setting _____

Firing Order _____

Spark Plug Gap _____

Manufacturer's Recommended Overhaul at 2000 hours

12

YEARS

OR

MENA AIRCRAFT ENGINES, INC. - - FAA CRS# [REDACTED]

Date: July 7, 2005

Engine Data:

Engine Total Time: ^{1367 JA.} ~~2394.00~~

Textron-Lycoming model 0-360-A4K

Time Since Overhaul: 00.00 hrs.
Serial Number: L-22351-36A

WORK PERFORMED: inspect and major overhaul in accordance with Textron-Lycoming overhaul manual #60294-7 and Textron-Lycoming parts catalog #PC-306-1.

COMPONENTS

crankshaft: replaced with new Superior Air Parts crankshaft p/n SL05K22806 purchased from Premium Aircraft Parts of Fort Smith, AR invoice #I24214 dated 5/13/005. balanced per procedure #98-002 by A/C Specialties of Tulsa, OK w/o 146863 FAA [REDACTED]

connecting rods(2): p/n LW11750 – magnafluxed, inspected, overhauled, and certified by Aircraft Specialties of Tulsa, OK w/o 146806 FAA [REDACTED]

connecting rods(2): p/n LW11750 – replaced with 2 connecting rods – inspected per RAIP-1, repaired per RAPS-8, and certified by Rock Aviation of Boerne, TX w/o 9846 FAA CRS [REDACTED]

crankshaft drive gear: p/n 61155 – inspected per RAIP-1, repaired per Lycoming SB#475, and certified by Rock Aviation of Boerne, TX w/o 10555 FAA [REDACTED]

internal steel: magnetic particle inspected per RAIP-1 and certified by Rock Aviation of Boerne TX w/o 10555 FAA [REDACTED]

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COMPONENTS CONTINUED

camshaft: replaced with new p/n AEL18840 purchased from AIP of Memphis, TN order # BT7V2/00 dated 6/22/05.

lifter bodies(8): p/n 72877 – inspected per RAIP-1, repaired by RAPS-3, and certified by Rock Aviation of Boerne, TX w/o 10555-1 FAA [REDACTED]

hydraulic plungers(8): p/n 78290 – repaired and flow matched per RAPS-10, and certified by Rock Aviation of Boerne, TX w/o 10500.6 FAA [REDACTED]

crankcase: casting #72082, s/n 404 – zygloed, inspected, repaired, surfaced, thru-bolt dowels installed, align-bored, stress relieved, and certified by DIVCO of Tulsa, OK w/o WDC#88745 FAA [REDACTED]

cylinders(4): replaced with 4 new ECI Titan cylinders p/n TISN12.0CA w/o's 29899-18, 29954-10, 25334-22, 25530-9, purchased from J & J Airparts of Pleasanton, TX invoice #52939 dated 06.16.05. flow balanced per procedure #MPCD10CL12 by Mena Aircraft Engines, Inc. of Mena, AR w/o 1505CYL FAA [REDACTED]

valve rocker arms(8): p/n 69444, p/n 74636 – inspected per RAIP-1, repaired per RAPS-7, and certified by Rock Aviation of Boerne, TX w/o 10555 FAA [REDACTED]

attaching hardware: bright cadmium plated, baked 375 degrees, and certified by United Plating Works of Tulsa, OK w/o 4754 FAA [REDACTED]

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ACCESSORIES

magneto: p/n 4371, s/n 98101472, mfg. Slick – inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1505A FAA [REDACTED]

magneto: p/n 4370, s/n 98101412, mfg. Slick – inspected, overhauled, tested, and certified by Mena Aircraft Engines, Inc. of Mena, AR w/o 1505B FAA [REDACTED]

starter: p/n 149-12LS, s/n F2L-108210, mfg. Sky-Tec – inspected, overhauled, tested, and certified by Sky-Tec of Granbury, TX w/o 5060101 FAA [REDACTED]

alternator: p/n DOFF10300J, s/n 513911T, mfg. Ford – inspected, overhauled, tested, and certified by Aerotech of Louisville, KY w/o 78355 FAA [REDACTED]

fuel pump: p/n 40295, s/n AA19290, mfg. AC/Lycoming – inspected, overhauled, tested, and certified by Aero Accessories of Gibsonville, NC w/o 48215 FAA [REDACTED]

carburetor: replaced – p/n HA-6, s/n CH-5-347, mfg. Precision- inspected, overhauled, and certified by Mike's A/ C Fuel Metering Service of Tulsa, OK w/o 17099 FAA CRS# [REDACTED]

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NEW PARTS INSTALLED

Major overhaul gasket and seal set, crankshaft oil seal, crankshaft assembly with crank gear screw and lockplate, front main bearing STD, intermediate and rear main bearings STD, connecting rod bushings, connecting rod bolts, connecting rod nuts, connecting rod bearings STD, camshaft, crankcase dowels and o rings, piston pins, ECI cylinders with valves, springs, retainers, keepers, exhaust studs, pistons, and piston rings, valve rocker arm bushings, valve rocker arm shafts, rocker arm shaft thrust buttons, silicone valve cover gaskets, oil pressure relief ball, oil pressure relief spring, oil pump gear kit p/n AEL18109-S, oil filter p/n CH48110-1, oil temperature vernatherm valve, tach shaft snap ring, spark plugs p/n REM38E, cylinder oil drain tubes, drain tube hoses and clamps, induction tube hoses and clamps, ignition harness.

Engine Sign-Off and Test Run: this engine overhauled and test run in accordance with current and applicable FAA data and procedures. pertinent details of the overhaul are on file at this repair station [REDACTED] under work order #05E-1505 by Mena Aircraft Engines, Inc. of Mena, AR [REDACTED] this date July 7, 2005. See A.D. note listing in back of this engine log book.

07-15-05 Tac 2309
FT 2367
TSMOH 0

This logbook opened this date & all times forwarded.

JAP [REDACTED]

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.)
7-1505	Tach 2309 TSMOH	0		Installed engine this date. Replaced all engine fuel + oil hoses, oil cooler, lord mounts repair, prime + paint all baffling. Service with Aeroshell 100 50 wt mineral oil + presoil. Engine ground run and no leaks noted. All found to be satisfactory for service.

10-01-05 Tach 2332 TSMOH 23

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100. Diff. Comp. (1)76/80(2)74/80(3)75/80(4)75/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust, Replace #4 intake gasket, clean fuel strainer. Replace #2 fuel primer line. Install Shim on lower engine mount Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III

AP [REDACTED] IA

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.)
6-19-06	Old tach	2399		Replaced defective tachometer with P-1000 digital tachometer p/n P100-050-426-00 s/p 0623401 as per STC SA 6016 NM See 337 this date. All times brought forward this date.
	New tach	4163		
	TSMOH	090		

[REDACTED]
 AP [REDACTED] IA

12-09-06 Tach 4176 TSMOH 103

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100. Diff. Comp. (1)73/80(2)77/80(3)78/80(4)75/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III
 AP [REDACTED] IA

[REDACTED]
 [REDACTED]

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

03-09-08 Tach ~~4271~~ TSMOH ~~198~~

4233

160

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100 . Diff. Comp. (1)76/80(2)78/80(3)74/80(4)74/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III

AP [REDACTED] IA

04-25-09 Tach 4256 TSMOH 183

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100 . Diff. Comp. (1)71/80(2)77/80(3)70/80(4)76/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III

AP [REDACTED] IA

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.)
A/C 6-31-70	TACH: 4288.0		TTS MOH 215.0	Annual inspection completed, Changed oil, refill with Aero oil 100. Oil filter checked, normal, regapped, cleaned and reinstalled plugs. replaced Air filter, C/w AB for Power flow oil, Lubricated Joints etc. Comp. Diff. = $2'' \frac{63}{80}$ $2 \frac{74}{80}$ $3 \frac{72}{80}$ $4 \frac{74}{80}$. Aircraft ground run OK, All work performed IAW German AFSD maintenance schedule in service manual. I cert. by this <u>ENGINE</u> was inspected in accordance with Annual Insp. and was determined to be in Airworthy condition. [Redacted Signature] [Redacted Name] IA

YEAR

RECORDING

10-26-11 Tach 4331 TSMOH 258

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100. Remove #1 cylinder and reinstall after rebuilt by Robert Smith @ Mena Aircraft engines. Diff. Comp. (1)77/80(2)78/80(3)78/80(4)76/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Inspect induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III
AP [REDACTED] IA

12-19-12 Tach 4352 TSMOH 279

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100. Diff. Comp. (1)75/80(2)76/80(3)74/80(4)78/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III
AP [REDACTED] IA

02-20-2014 N74420 TACH:4405.0 TSMOH:332.0

Annual inspection completed Checked compression #1 70/80 #2 75/80 #3 70/80 #4 73/80 CUSTOMER CHANGED OIL AND FILTER no metal found in oil filter ,inspected intake and exhaust system. Cleaned inspected and tested sparkplugs Checked magneto timing ok . Replaced airfilter .ALL WORK DONE I/A/W GRUMMAN AA5B M.M. AND CHECK LIST ON FILE .GROUND TESTED OK Aircraft ground ran ok

I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition

Darrell L Kelly ap [REDACTED] a

04-12-15 Tach 4446 TSMOH 373

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100 . Diff. Comp. (1)71/80(2)68/80(3)76/80(4)76/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III
AP [REDACTED] IA

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YEAR	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations
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DATE

08-01-16 Tach 4475 TSMOH 402

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100 . Diff. Comp. (1)60/80(2)73/80(3)74/80(4)68/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Replace induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III

AP [REDACTED] IA

11-01-17 Tach 4488 TSMOH 415

Annual Inspection Completed: Check oil filter ok, change oil and filter, refill with Aeroshell W100 . Diff. Comp. (1)65/80(2)72/80(3)74/80(4)70/80, Inspect magneto timing & adjusted to spec. Inspect induction and exhaust system ok. Inspect induction air filter. Clean spark plugs, gap and reinstall. Aircraft ground run ok. All work performed IAW Grumman AA5B maintenance schedule in service manual.

I Certify that this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

James M. Chrestensen III

AP [REDACTED] IA