

TEXTRON Lycoming

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

ENGINE SERIAL NUMBER L-38487-36A

IN SERVICE DATE 141201 ENG. T.T.

DETACH AND RETAIN THIS PORTION FOR YOUR RECORD

TEXTRON Lycoming

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

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF TEXTRON LYCOMING O360-A4m L-38487-36A
MAKE MODEL SERIAL
FROM December 14 19 2001 TO 19
DETAILING TIME FROM -0 TO
HOURS HOURS

SSP 1872-1

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October 1994

NEW RECIPROCATING ENGINE CERTIFICATE

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

MODEL O-360-A4M SERIAL NO. L-38487-36A
 DATE 10-26-01 Joe Moore
 (AUTHORIZED REPRESENTATIVE)

TEXTRON Lycoming

652 Oliver Street,
 Williamsport, PA 17701 U.S.A.

FORM NO. 177-B (Rev. 3/94)

ENGINE DESCRIPTION

Mfgr. TEXTRON LYCOMING	Place Williamsport, PA 17701	Date
Type	Model	Serial No.
Rated H.P.	Max. H.P.	Weight (Dry)
Rated R.P.M.	Max. R.P.M.	Oil Pressure
Bore	Stroke	Displacement Cu. In.
Compression Ratio	Supercharger Ratio	
Reduction Gear Ratio		
Propeller	Hub Design	Hub Serial No.
Blade Design	Blade Serial No.	Blade Serial No.
Max. Hub H.P.	Max. Blade H.P.	
Pitch	Diameter	Length
Name		
Address		

ENGINE LOG



Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS #MNYR085K

Work Order#: 0111055
N#: 2605Y
Tach: 2386.8
Date: 12/14/01

License
Number

Engine Log

Serviced and inspected the engine in accordance with an ANNUAL inspection. Performed AD list search on engine and listed all applicable AD's for compliance. Serviced the engine with AeroShell 15/50 oil. Inspected oil filter for metal contamination. Cleaned fuel and air filters. Engine ground run, operational checked ok. All replaced/repared/installed items run and leak/operational checked ok.

"I certify that this ENGINE has been inspect IAW an ANNUAL inspection and was determined to be in airworthy condition."

*Signed: [Signature] Certificate #: MNYR085K
*WO#: 0111055 Tach Time: 2386.8 Date: 12/14/01

This Engine was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed [Signature] Inspector

ENGINE LOG

Serial No. _____



Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS #MNYR085K

Work Order#: 0111054
N#: 2506Y
Tach: 2386.8
Date: 12/14/01

ense
mber

Engine Log

Installed Lycoming O-360-A4M Engine, 0.0 TOTAL TIME SINCE NEW. Installed Sensenich 76EM8S14-0-60 Propeller, 0.0 TOTAL TIME SINCE NEW. Modifications performed in accordance with AIR PLAINS SERVICES, CORP. STC SA4428SW. For details of modifications performed, reference FAA Form 337, Dated: 12/14/01

Engine Serial #: L-38487-36A
Propeller Serial #: 35331K
Starter Serial #: B111811
Alternator Serial #: A-167221

This Engine was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed [Signature] Inspector

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
			<div style="font-size: 4em; transform: rotate(-45deg);">X</div>		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

Serial No. _____

Date	Hr	Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
Brought Forward					
Total to Date					

ENGINE LOG

7/13/02 TACH READS 2441.91 TT.
 CHANGED OIL AND FILTER
 USING 8 QTS 15W50 SHELL OIL,
 OIL SAMPLE TAKEN. RAN
 ENGINE LEAK CHECKED OK.
 OIL FILTER OUT OPEN AND
 INSPECTED OK.
Paul J. [Signature] 326362844 A#R

ENGINE LOG

Serial No. _____

Date	Time		Hrs	Min	
<p>10/15/02 TACH READS 2474.29 CHANGED OIL USING 7 QTS 15 W50 SHELL OIL. TOOK OIL SAMPLE. RAN ENGINE, LEAK CHECKED OK. <i>Paul Jones</i> 32636284 AAP.</p>					
Page Total					
Brought Forward					
Total to Date					

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ENGINE LOG

Serial No. _____



Moody Aviation
 Municipal Airport
 PO Box 429
 Elizabethton TN 37644-0429
 Phone: 423-543-3534
FAA Repair Station NO. DVPR374D

Powerplant Logbook Record

Registration: N2506Y
 Model: O-360-A4M
 Serial Number: L-38487-36A

Date: 9/26/2003
 Tach Time: 0.0
 SMOH: 109.4
 Total Time: 109.4
 Work Order No: 33040

Performed a(n) Annual inspection with reference to Moody form, No. PP4001
 and the manufacturer's service manual, No. D367-13 The following additional work was performed:

- NOTE:** New tach installed at this time. Tach reads 0.0 and aircraft total time is 3024.24. (See Moody Aviation Work Order 34029 log entry for details.)
- Compression check as follows: #1 77/80, #2 73/80, #3 78/80, #4 77/80.
 - Installed new induction air filter element P/N BA6018. **NEXT DUE** at tach 200.0 or 9/04.
 - Magnetos to engine timing reset to specifications. Torqued magnetos clamp nuts.
 - Ty-wraps removed from engine mount and replaced with adell clamps and associated hardware.

Continued on next page:

ENGINE LOG

Serial No. _____

REG. NO.	N2605Y
MAKE	LYCOMING
MODEL	O-360-A4M
S/N	L-38487-36A

MIDWEST AVTECH INC.
I.V. REGIONAL AIRPORT
P.O. BOX 451
PERU, IL 61354

DATE	07/24/04
TACH	162.5
T.T.	
SMOH	

License
Number

DRAINED OIL, INSPECTED AND REPLACED FILTER, SERVICED SYSTEM WITH AEROSHELL 15W50 -
REPLACED ENGINE AIR FILTER ELEMENT - GROUND RUN AND LEAK CHECK GOOD
THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs -
ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE

WILLIAM E. MIGLIORINI *William E. Migliorini* A&P 360625846 IA

Page Total

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Total to Date

All Repair Data Must Bear the Endorsement of a
Certificated Mechanic, and his Rating and
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ENGINE LOG

Serial No. _____

Time

14 OCTOBER 2004 TACH READS 195 ENGINE TOTAL TIME EQUALS 304.4 ONE HUNDRED
HOUR INSPECTION COMPLETED IN CONJUNCTION WITH ANNUAL INSPECTION OF
AIRCRAFT. COMPRESSION CHECKED #1 77/80 #2 73/80 #3 73/80 #4 73/80. CHANGED OIL
AND FILTER SERVICED WITH AEROSHELL 15W50. CLEANED AND GAPPED SPARK
PLUGS, CHECKED AND ADJUSTED MAGNETO TIMING. CHECKED INTAKE AND EXHAUST
SYSTEMS. CHECKED CONTROLS FOR SECURITY AND MOVEMENT. I CERTIFY THAT THIS
ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ONE HUNDRED HOUR
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

J. L. Bowers

JAMES L. BOWERS
A&P 308663609 IA

END

Page Total

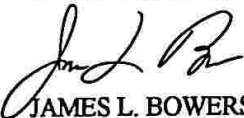
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
08 APRIL 2005			TACH READS 231 ENGINE TOTAL TIME EQUALS 340.4 CHANGED OIL AND FILTER SERVICED WITH AEROSHELL OIL 15W50. RAN ENGINE AND CHECKED FILTER FOR LEAKS.		
					
			JAMES L. BOWERS A & P 308662600 TA		
REG. NO.	N2506Y		MIDWEST AVTECH INC.	DATE	09/09/05
MAKE	LYCOMING		I.V. REGIONAL AIRPORT	FHM	281.2
MODEL	O-320-E2D		P.O. BOX 451	T.T.	
S/N			PERU, IL 61354	SMOH	
DRAINED OIL, INSPECTED AND REPLACED FILTER, SERVICED SYSTEM WITH AEROSHELL 15W50 - GROUND RUN AND LEAK CHECK GOOD					
THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE					

BRYAN G. HARTMAN



A&P 354729066 IA

LYCOMING

O-360-A4M

S/N L-38487-36A

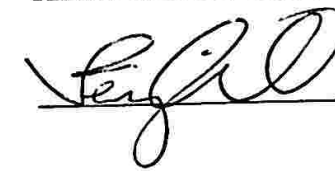
NOVEMBER 18, 2005

TACH = 308.3

TIS = 417.7

DRAINED OIL, CHANGE FILTER, CHAMPION 48-111. TOPPED WITH 7 QTS SHELL 15W50AD OIL. CLEAN AND INSPECT SPARK PLUGS. CHECKED ENGINE TIMING 25 DEGREES - OK. PERFORMED COMPRESSION CHECK - SATISFACTORY - RECHECK IN 10 HOURS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

TERRY L. DILL A&P305547795IA



License Number

ENGINE LOG


Serial No. _____

Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number				
REG. NO.	N2506Y	MIDWEST AVTECH INC. I.V. REGIONAL AIRPORT P.O. BOX 451 PERU, IL 61354	DATE	06/15/06				
MAKE	LYCOMING		TACH	348.5				
MODEL	IO-360		T.T.					
S/N			SMOH					
DRAINED OIL, INSPECTED AND REPLACED FILTER, SERVICED SYSTEM WITH AEROSHELL 15W50 - GROUND RUN AND LEAK CHECK GOOD THE AIRCRAFT OR ENGINE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IAW CURRENT FARs - ONLY THE WORK DESCRIBED ABOVE IS APPROVED FOR RETURN TO SERVICE								
BRYAN G. HARTMAN			A&P 354729066 IA					
<table border="1"> <tr> <td>Page Total</td> <td rowspan="3"> All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown. </td> </tr> <tr> <td>Brought Forward</td> </tr> <tr> <td>Total to Date</td> </tr> </table>					Page Total	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	Brought Forward	Total to Date
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Total to Date								

BRYAN G. HARTMAN

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Bachman Airworks 150 Airport Rd. Elizabethton, TN 37643 N2506Y, engine 0-360-A4M, s/n: L-3848736A July 20, 2006. Tach: 0386.3					
<ul style="list-style-type: none"> - Drained oil removed filter and inspected interior. - Installed and safetied new oil filter p/n AA48110. - Serviced engine with 8 quarts Aeroshell 15W50 - Ground run, no leaks 					
Rukang Chikomb A&P 408872001 					
Endorsement of a ting and mn.					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
11/4/07			TACH 419.9 TOTAL TIME 529.3 DRAINED OIL, CHANGED FILTER. TOPPED WITH 8 QTS PHILLIPS 20W50 AD OIL, INSTALLED 01448-110 FILTER. COMPRESSION CHECK SATISFACTORY - ALL ABOVE 70/80. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.		
1 AUG 07			471.1 Change oil service with 8 qts 20-50 installed 01448-110 filter Ran up		
Page Total			All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		
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Total to Date					

BRYAN G. PARTMAN

ENGINE LOG

Serial No. _____



Air Plains Services
Wellington Airport
Wellington, KS 67152
CRS # MNYR085K

Work Order #: 030826
N#: 2506Y
Tach: 492.1
Date: 03/01/08

Engine Log

Serviced and inspected the engine in accordance with an ANNUAL inspection. Performed AD list search on engine and listed all applicable AD's for compliance. Serviced the engine with Phillips 20W50 XC oil. Inspected oil filter for metal contamination. Cleaned fuel and air filters. Installed new spark plugs. Checked and adjusted the mag timing. Compression checked: 75, 72, 76, 75. Engine ground run, operational checked ok. All replaced/repaired/installed items run and leak/operational checked ok.

"I certify that this ENGINE has been inspect IAW an ANNUAL inspection and was determined to be in airworthy condition.

*Signed: [Signature] Certificate #: MNYR085K

*WO#: 030826 Tach Time: 492.1 Date: 03/01/08

This Engine was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Signed [Signature] Inspector

ENGINE LOG

GAI

Global Aeronautics, Inc.

Serial No.

Date

3 Carlock Drive Danforth, IL 60930-6106

Phone: 815-269-2552

Annual Inspection - Engine Acft Reg: N2506Y

Eng: Lyc: O-360-A4M, s/n: L-38487-36A Tach: 585.3 Tot: 585.3 (SNEW)

I certify, this Engine was inspect'd in accord. with 100 hr / ANNUAL

Insp. Proced's & Determined to be Airworthy. AD's Compl'd thru

2011-08. AD 04-10-14C (Due at O.H. or Sudden Stoppage). Chk'd

Cyl. Compression: 1 - 76/80; 2 - 77/80; 3 - 77/80; 4 - 76/80. Chk'd

Timing - O.K. Cleaned, Chk'd Gap of Spk Plugs & Re-Installed.

Op's Check - Okay. Aircraft / Engine O.K. for Return to Service

Deficiencies provided to owner / operator. (also see AD & Check Lists)

Signed:

Charles C. Classen

Date: 04/18/2011

Printed Name: Charles C. Classen Certificate No: 2238201 A&P-IA

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License
Number

Page Total

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Total to Date

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ENGINE LOG

Serial No.

GAI

Global Aeronautics, Inc.

3 Carlock Drive Danforth, IL 60930-6106

Phone: 815-269-2552

Periodic Maintenance - Engine Acft Reg: N2506Y

Engine: Lyc: O-360-A4M, s/n: L-38487-36A Tach: 585.3 Tot: 585.3

(SNEW). Drained oil. Remv'd, Cut and Insp'd Filter - O.K. Install'd New

Tempest AA48110-2 Filter. Filled C-Case with (8) qts Phillips X-C 20W-50 AD

Oil. Op's Check - Okay, No Leaks. Aircraft O.K. for Return to Service.

Signed:

Charles C. Classen

Date: 04/18/2011

Printed Name: Charles C. Classen

Certificate No: 2238201 A&P-IA

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License
Number

Page Total

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Total to Date

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Serial No.

ENGINE LOG

Serial No.

[illegible]

[illegible]

Engine Maintenance Entry for N2506Y

TACH: 660.1

PTT:769.5

1. COMPLIED WITH ANNUAL INSPECTION I/A/W FAR 43 APPENDIX "D" USING CESSNA SERVICE MANUAL AS A GUIDE.
2. #1-66/80, 2-67/80, 3-69/80, 472/80.
3. COMPLIED WITH OIL CHANGE DRAINED OIL, REMOVED FILTER AND CUT OPEN FOR A VISUAL INSPECTION. NO DEFECTS NOTED. REMOVED SUCTION SCREEN AND CLEANED. NO DEFECTS NOTED. INSTALLED NEW IEMPEST OIL FILTER AA49110-2 AND SERVICED WITH 8 QUARTS XC20W50.
4. CLEANED, GAPPED, TESTED, AND ROTATWED SPARK PLUGS.
5. ADJUSTED MAGNETO TO ENGINE TIMING.
6. R3PLACED STARTER RELAY STS-S12.
7. CLEANED GASCOLATOR SCREEN AND INSTALLED NEW GASKETS.
8. REPLACED CARB FUEL SCREEN P/N: 95-506.
9. DRAINED FUEL BOWL AND CHECKED FOR DEBRIS. NO DEFETCS NOTED.
10. REPLACED INSTAKE FILTER BA6108.

11. ADS CHECKED THRU 2025-20. SEE AD REPORT THIS DATE.

I CERTIFY THIS ENGINE HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION. THIS ENGINE IS RETURNED TO SERVICE THIS DATE.

Michael S. Lawson

Signature:

Wings Aviation Inc. 4601 Murvihill Rd. Valparaiso IN 46383 219-462-6622 wingsaviationvpz.com Certificate No. AP5060930IA

Certificate No. AP50609301A