

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1

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 AEIO-360-H1B SERIAL NO. L-31416-51A
DATE 3-8-04 DO Cioffi
(AUTHORIZED REPRESENTATIVE)

LYCOMING
A Textron Company

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

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

ENGINE DESCRIPTION

Mfgr.	LYCOMING	Place	Williamsport, PA 17701	Date	4-12-04
Type		Model	AEIO-360-H1B	Serial No.	L-31416-51A
Rated H.P.	180	Max. H.P.	180	Weight (Dry)	331 LBS.
Rated R.P.M.	2700	Max. R.P.M.	2700	Oil Pressure	90 PSI.
Bore	5.125	Stroke	4.375	Displacement	361.0 Cu. In.
Compression Ratio	8.5:1	Supercharger Ratio			
Reduction Gear Ratio					
Propeller	MTV-15-B-C/C188-34	Hub Design	MTV-15-B-C	Hub Serial No.	04017
Blade Design	C188-34	Blade Serial No.	VA-19287	Blade Serial No.	VA-19288
Max. Hub H.P.		Max. Blade H.P.			
Pitch		Diameter		Length	
Name					
Address					

ENGINE LOG

Serial No. L-31416-51A

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Date: 4/12/2004 Tach time: 0.0					
This engine s/n: L-31416-51A model AEIO-360-H1B was installed on this aircraft s/n: 949-2004, model 8KCAB this date. <i>[Signature]</i> for AMERICAN CHAMPION AIRCRAFT PC333CE					
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					

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
07-27-04	24.5	HR T.T.	C/W 50 HR INSPECTION IN ACCORDANCE WITH TEXTRON L160M16 OPERATORS MANUAL SERIES AEIO-360 #60297-21. CHANGED OIL AND CLEANED OIL SCREENS (NEW P/N 61173 GASKET) SERVICED WITH AERO SHOCK M80. OIL. ENGINE WAS RUN-UP AND OPERATIONAL AND LOAD CHECKED. — END — <i>[Signature]</i> JA 356492742		
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					

ENGINE LOG

Serial No. _____

LONDON AIRCRAFT SERVICE CENTER, INC.
150 Aviation Drive South
Naples, Florida 34104
TEL: (239) 643-4468

ENGINE

REG. 101BY HM: 49.0 TT:49.04 DATE: 11/12/04

Complied with oil change this date. Cleaned oil screen and serviced with 8QTS Aeroshell 15W-50 oil. Leak check good.

SIGNATURE


Stephen Kennedy
2832415IA

Page Total

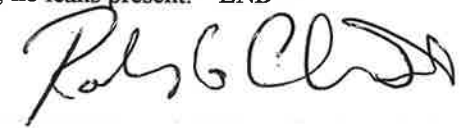
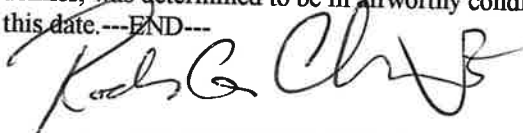
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Total to Date

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
22 MAR 2005	68.8	TTSN.	Serviced engine with eight quarts Aeroshell W100. Checked and cleaned oil screen, all conditions normal. Ground run, no leaks present.---END---		
Rodney G. Chastain	A&P591264659IA				
6 MAY 2005	75.1	current tachometer / TTSN.	Compression: #1 77/80 #2 76/80 #3 77/80 #4 78/80. Checked and cleaned all fuel screens. Cleaned fuel injector nozzles. Cleaned, gapped, and rotated spark plugs. Replaced induction air filter element p/n BA8103-1. C/W AD #2002-26-01, concerning the fuel injector hard lines as per paragraph (b)(1) I/A/W SB342D, all conditions satisfactory. All AD s checked for and complied with through Issue 2005-09F. Lycoming MSB564 does not apply by engine serial number. Lycoming MSB565 DNA by date code of 0204. I certify that this engine was inspected I/A/W an ANNUAL inspection as per Lycoming guidelines, was determined to be in airworthy condition at this time, and is approved for return to service this date.---END---		
Rodney G. Chastain	A&P591264659IA				

ENGINE LOG

Serial No. _____

March 16, 2006
N101BY
S/N: 9492004
Tach: 130.3



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

License
Number

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

James Phipps
AP 2816778

April 21, 2006
N101BY
S/N: 9492004
Tach: 155.2



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

William A. Lange
William A. Lange
AP2712036

Bear the Endorsement of a
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MUST be Shown.

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
2 MAR 2007			TACH REGRS 249.9 - TT ENGINE 249.9 - Compression Checks 76-76-77-79/80 - CLEAN & GAP SPARK PLUGS - INSTALL NEW RIGHT MAG GASKETS; TIME BOTH MAGS TO ENGINE CHANGE OIL, ADD 8QT Aeroshell 15W50; INSTALL NEW CH 48109-1 FILTER. OLD FILTER INSPECTS OK. INSTALL NEW 8103-1 AIR FILTER ELEMENT. PRESSURE CHECK EXHAUST MUFF INSPECT FUEL INJECTION LINES & AD 2002-26-01 OK	<div style="border: 1px solid black; padding: 5px;"> <p>"I certify this ENGINE..... has been inspected in accordance with A&P..... Inspection and was determined to be in airworthy condition"</p> <p>Date 3 MAR 07 Tach Time 249.9.... Signature <i>[Signature]</i>..... A&P COS2200 AT.....</p> </div>	
			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		

ENGINE LOG

Serial No. _____

August 16, 2006
N101BY
S/N: 9492004
Tach: 220.9



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

License
Number

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

Terrill Shafer
AP2860279

June 20, 2007
N101BY
S/N: 9492004
Tach: 260.0



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

William A. Lange
AP2712036

July 19 2007
N101BY
S/N: 9492004
Tach: 280.2



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

William A. Lange
AP2712036

December 7 2007
N101BY
S/N: 9492004
Tach: 316.9



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. ---END---

William A. Lange
AP2712036

Total to Date

Certificate Number MUST be Shown.

ENGINE LOG

Serial No. _____

April 11 2008
N101BY
S/N: 9492004
Tach time: 332.0
TT: 332.0



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

ense
nber

1. Performed a 100 hour inspection of the engine for an annual of N101BY in accordance with FAR 43 appdx D.
 2. Compression test: #1 77/80 #2 74/80 #3 74/80 #4 76/80.
 4. Drained engine oil, removed and examined oil screen, no contamination found. Serviced with 8 Qts. of Aeroshell 15W-50, reinstall screen with new gasket and lock washers.
 5. C/W AD 02-26-01 by inspection of fuel injector lines iaw S.B. #342E. Due every 100hrs.
 6. Replaced one missing rivet in data plate.
 7. Tightened Tee fitting on oil sump.
 8. Tightened lower oil cooler hose fitting.
- Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Run-up/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a 100 Hour Inspection of the engine and determined to be in an airworthy condition.

END

Terrill Shafer
IA2860279

Total to Date

Certificate Number MUST be Shown.

August 6 2008
N101BY
S/N: 9492004
Tach: 354.5



Erie Municipal Airport
395 Airport Drive
Erie, CO 80516

License
Number

Drained engine oil, removed and inspected oil filter, no contamination noted. Serviced with 8qts Aeroshell 15w-50 oil and new CH48109-1 oil filter. Run-up/leak check satisfactory. —END—

William A. Lange
AP2712036

MARCH 22- 2009	DRAINED ENGINE OIL - CHANGED FILTER. SERVICED	
393.4 Tach	WITH 8 QUANTS AEROSHELL 15W50 OIL. RUN UP AND INSPECTED	
Filter - No metal,	LEAK CHECKED (Buckley & Co) #1575796	
	Page Total	
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	Total to Date	

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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
5-12-12	444	0	D.TACH Reinstalled engine and rigged per mfg instruction Idle RPM and mix Adjusted. Temps pressures and RPM all check good. I certify this engine has been inspected in accordance with a 100 hr inspection and is in Airworthy condition AENG 444.0 Chester M Ugalde AWP530904723		
7-3-13	459	0	Comp #1 76/80 #2 76/80 #3 78/80 #4 78/80 Timing ADJ to 25° Plug cleaned tested injector cleaned Exhaust AND Controls inspected IDLE MIX ADJUSTED. Oil changed ASW 100. GVOV HIGH RPM Reset to 2700 OIL QUICK DRAINING ORINGS Replaced. AD Check thru 2013-13 See list Eng Run up LEAK & OPS CHECK OK. Chester M Ugalde AWP530904723		
			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		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
7-3-13	459	0	I certify this engine has been inspected in accordance with a 100HR inspection per CFR 43 App D AND IS IN AIRWORTHY condition -TSN 459.0 TSINCE PROP STRIKE WSP 15HRS Chester M Ugalde AWP 530904723		
10-25-13	462	0	Replaced All Spark Plugs with new REM40E Chester M Ugalde AWP 530904723		
12-3-13	477	0	oil & filter CHANGED Relill ASW 100 8qts Run up look & ops check OK OLD filter checks OK Chester M Ugalde AWP 530904723		
2-5-14	484	0	Replaced exhaust gaskets Chester M Ugalde AWP 530904723		
5-7-14	511	7	Oil & filter Changed Relill 7QTS ASW 100 look check OK AWP 530904723 Chester M Ugalde		
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	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
12.23.14	551	0	Oil & filter changed Refill 8 qts ASW 100 old filter OK Cluster M/L Galde A+P 530904723	Checks OK Leak check	
1.15.15	552	8	Comp #1 78/80 #2 77/80 #3 78/80 #4 79/80 plugs inspected timing checked Exhaust & controls checked. Engine Run up leak & ops check OK. ADS check thru 2015.1 See list. I certify this engine has been inspected in accordance with a 100HR inspection per CFR 43 App D AND IS IN AIRWORTHY condition TTEW 552.8 Cluster M/L Galde A+P 530904723		
10.22.15	581	0	Oil & filter changed Refill 7 qts ASW 15-50 Run up leak check good Cluster M/L Galde A+P 530904723		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
MARCH 5 2016	602	5	Compression #1 79/80 #2 77/80 #3 78/80 #4 78/80 Plugs cleaned gapped timing checked Injector & Lines checked Exhaust & controls checked. ADS check thru 2016-4 See list Engine Run up Leak & ops check good. I certify this engine has been inspected in accordance with a 100HR inspection per CFR 43 App D and is in Airworthy condition TTENG 602.5 Cluster M/L Galde A+P 530904723		
			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		

ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
Oct 27 2017	695.5		Replaced vacuum pump with overhauled 215CC Run up leak & ops Check well.	Gluster M Ugalde A&P 530904723	
MAY 21 2018	710.7		Compression #1 79/80 #2 79/80 #3 79/80 #4 79/80. Timing checked Plugs cleaned & gapped. Oil has 18.7 hrs not changed. Injectors inspected. Exhaust & controls checked. Resealed dipstick tube. Engine washed, Run up leak & ops check well. AD Check 2018. 10 See list. I certify - this engine has been inspected in accordance with a 100HR inspection per CFR 43 App D and is in Airworthy condition 710.7 710.7 new	Gluster M Ugalde A&P 530904723	
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			Brought Forward		
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ENGINE LOG

Serial No. _____

Date	Time		REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
	Hrs	Min			
June 18 2019	726.0		Comp #1 80/80 #2 79/80 #3 80/80 #4 80/80. Oil & filter changed. Did filter check OK. Plugs cleaned Timing checked injectors inspected. R fill 7 QTS ASW 15/50. Exhaust & controls check Fuel Screen cleaned. ADs check thru 2019.12 See list. Engine Rinsed Run up leak & ops check well. I certify - this engine has been inspected in accordance with CFR 43 App D for a 100HR inspection and is in Airworthy condition TENG 726.0	Gluster M Ugalde A&P 530904723	
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			Total to Date		

Serial No. _____

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Serial No. _____

[illegible]

ENGINE LOG

Serial No. _____

[illegible]

DATE _____

Service Bulletins, Letters, Instructions & A D Notes

AD 2004-10-14 PROP STRIKE inspection c/w by FIREWALL FORWARD 8-24-11 @ 444 HRS

AD 2011-26-04 In line clamping inspection per AD Complied with 5.12.12 @ 444.0 *Chuter M Hgalle A+P 530904723*

AD 2011-26-04 Inlines inspection c/w per AD 7.3.13 @ 459 next due 559 or Mant *Chuter M Hgalle A+P 530904723*