

ENGINE S/N
L-33042-51A

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

ENGINE LOG

1. Make LYCOMING
2. Model JO-360-M1A
3. Specification 1E10
4. Manufacturer's Serial Number L-33042-51A
5. Date of Manufacture 8-16-06
6. Aircraft Inspection Cycle _____

ENGINE SERVICE

DATE	TIME RUN		TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS NECESSARY
	HRS.	MIN.	HRS.	MIN.	
			0	0	<p>ENGINE INSTALLED NEW ON DAY</p> <p>Engine installation inspected I.A.W. Diamond DA 40 W.I.S. Rev: J Form ME-01-A</p> <p>Engine service with 8 qts. Of Phillips 20W50 Type</p> <p>Engine break-in I.A.W. Lycoming Service Instructions</p> <p>FLIGHT TEST COMPLETED</p>
NOV 30 2006			4	5	



Pacific Aviation Northwest, Inc.
 2244 Carton Way • Grants Pass, Oregon 97526
 Phone 541-479-2230 • Fax 541-479-6703
 www.pacificaviationnw.com

DIAMOND DA-40 S/N 40.716 N72MZ Engine Logbook Entry
 LYCOMING IO-360-M1A S/N L-33042-51A
 DECEMBER 22, 2006 Tach 25.6 hrs TSN 25.6 hrs
 1. CHANGED OIL AND FILTER WITH CH48110-1 SERVICED WITH 8QTS PHILLIPS 20/50 XC OIL.
 2. INSTALLED OIL DRAIN VALVE P/N P5000.
 3. RAN WITH NO LEAKS AND NORMAL OPS.
 RAY V. MARTYN *[Signature]* A&P 553378915
 END

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
 MEDFORD, OREGON 97504
 (541) 770-5314 CRS: GCPRI85E
 Engine Log Entry N72MZ

Date: 5-11-07 Engine TT: 55.4
 Total Time: 55.4
 Tach Time: 55.4

- 1) Accomplished 25 Hr. / 50 Hr. inspection this date.
- 2) Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).
- 3) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 4) Compression Taken, Readings are: #1 76/80, #2 74/80, #3 78/80, #4 74/80.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 21873.

Richard T. Fontes

Richard T. Fontes

TOTAL THIS PAGE					CARRIED FORWARD
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Jan 2. Rellad

DA
023

Jan 2. Rellad

DA
023

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPRI85E
Engine Log Entry N72MZ

Date: 08-29-07 Engine TT: 109.8
Total Time: 109.8
Tach Time: 109.8

- 1) Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).
- 2) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 3) Engine was washed down, run and leak checked. No leaks noted at this time.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 22247.

Gary N. Haldnall
Gary N. Haldnall

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504
(541) 770-5314 CRS: GCPRI85E
Engine Log Entry N72MZ

Date: 12-12-07 Engine TT: 133.8
Total Time: 133.8
Tach Time: 133.8

- 1) Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).
- 2) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 3) Engine was washed down, run and leak checked. No leaks noted at this time.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 22256.

Richard T. Fontes
Richard T. Fontes

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Engine Log Entry N72MZ

Date: 1-10-08
Total Time: 133.8
Tach Time: 133.8

Engine TT: 133.8

- 1) Complied with a 50 / 100 Hr. Inspection in accordance with FAR 43 Appendix D.
- 2) Compression Taken, Readings are: #1 77/80, #2 73/80, #3 78/80, #4 76/80.
- 3) Engine was washed down, run and leak checked. No leaks noted at this time.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 22550.

Gary N. Huddn Jr.
Gary N. Huddn Jr.

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Engine Log Entry N72MZ

Date: 2-09-08
Total Time: 197.4
Tach Time: unk

Engine TT: unk

- 1) Installed new spark plug, (1ea. REM38E plug).
- 2) Cleaned, inspected and tested spark plugs, (1ea. M-674).
- 3) Timed both magnetos to Lycoming MM section 4-30. Ran engine both magnetos ops tested with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 22774.

Richard T. Fontes

Richard T. Fontes

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Engine Log Entry N72MZ

Date: ~~5-11-08~~ 4-4-08
Total Time: 155.9
Tach Time: 155.9

Engine TT: 155.9

- 1) Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).
- 2) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 3) Ran engine, ops and leaked checked with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 22925.

Richard T. Fontes

Richard T. Fontes

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Engine Log Entry N72MZ

Date: 5-22-08
Total Time: 181.1
Tach Time: 181.1

Engine TT: 181.1

- 1) Changed oil and filter (1ea CH48110-1 Filter, 8 quarts Shell 100W Plus Oil).
- 2) Oil analysis was taken (1ea GA-001 Oil Analysis).
- 3) Ran engine, ops and leaked checked with no problems noted.

The component(s) identified above was inspected and repaired in accordance with current FARs and was found airworthy and is approved for return to service. Pertinent details on file at this agency under work order no. 23067.

Richard T. Fontes

Richard T. Fontes

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

NOTE: USE BOTH PAGES AND ALL MANY LINES REPAIRS
INSTALLATIONS, INSPECTIONS

SOUTHWEST FLIGHT CENTER

N72MZ 07-28-10 TIS-351.1
 IO-360M1A ENG.TT-351.1

Performed A 50/100hr/Annual Inspection I/A/W SWFC Inspection Checklist, 14CFR 43-Appendix D Using DA-40 AMM And DA40 Annual Checklist as a Guide. Drained Oil, Opened Oil Filter No Contaminants Found. Installed 48108-1 Oil Filter. Serviced 8qts AS 15W50 Oil. Checked Compression As Follows #1-76/80, #2-78/80, #3-76/80, #4-74/80. Adjusted Rt. Mag To Engine Timing. C/W Recurring AD-08-14-07 Per Para K. Due At ACTT-451.1 AD-09-02-03 Fuel Servo Hex Plug Gasket. Installed Gasket P/N-2577258 Per SB-PRS-107Rev.4 AD No Longer Applies. Checked Ad's Thru. Rev. 2010-14. Ran Engine For Leak Check. None Noted. I Certify That This Engine Was Inspected I/A/W A 100hr/Annual Inspection And Was Found To Be In Airworthy Condition.
 Sign. George A. Encinas Print George A. Encinas
 Cert. AP-13793691A

SCOTTSDALE AIRPORT (480-991-2880)

CROWNAIR - CRQ
FAA APPROVED REPAIR STATION #QQ9R189B
 2006 PALOMAR AIRPORT RD., SUITE 101
 CARLSBAD, CA 92011

N72MZ
 4-20-11

Diamond DA-40
 Hobbs: 579.1 Hrs

S/N: 40.716
 Tach: 470.8 Hrs

Maintenance performed:

- Changed oil and filter. Serviced engine with 7 Qts of Aeroshell 15W-50 oil and installed new CH48110-1 filter. Cut open old oil filter and inspected with no metal contamination found. All work was done IAW Diamond DA-40 MM 12-10 & 79-00.
- Took oil sample and sent out for analysis.
- Complied with AD 2008-14-07 by inspection of all fuel injector fuel lines and clamps I/A/W Lycoming MS342E and no defects noted at this time. Due every 100 Hrs.

I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #AF-11-06274.

Joey L. Crawford
 Joey L. Crawford, Chief Inspector

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8585, FAX: (760) 931-9328

Date 07/22/11
ETT 508.7

Model No IO-360-M1A
Serial No L-33042-51A
Registration No N72MZ

TACH: 508.7

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED (4) SPARK PLUGS WITH P/N UREM38E. CLEANED AND GAPPED REMAINING SPARK PLUGS. INSTALLED NEW #2 CYLINDER INTAKE GASKET P/N 71973. REPLACED LEFT MAGNETO WITH P/N4347, S/N 11040060. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 608.7 ATT.

- COMPRESSION TEST: #1 70/80 #2 74/80 #3 72/80 #4 72/80.
 - NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: **NONE**
 - RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: **NONE**
 - AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 6/13/2011.
- THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ071211. THOMAS R. SHAW FOR FAA CRS LE6R154J



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8585, FAX: (760) 931-9328

Date 08/13/12
ETT 629.1
Model No IO-360-M1A
Serial No L-33042-51A
Registration No N72MZ

TACH: 629.1

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED (4) SPARK PLUGS WITH P/N REM38E. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 729.1 ATT.

- COMPRESSION TEST: #1 75/80 #2 78/80 #3 76/80 #4 77/80.
 - NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: **NONE**
 - RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: **NONE**
 - AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 7/13/2012.
- THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ080112. THOMAS R. SHAW FOR FAA CRS LE6R154J

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

NOTE: USE BOTH PAGES AND AS MANY LINES AS NECESSARY FOR INSTALLATIONS, INSPECTIONS, REVISIONS, ETC.



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565 FAX (760) 931-9328

TACH: 674.3

Date
ETT
Model No.
Serial No.
Registration No.

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480. INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED (4) SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 774.3 ATT.

- COMPRESSION TEST: #1 76/80 #2 78/80 #3 73/80 #4 74/80.
- NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: NONE
- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 9/30/2013. THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ081313. THOMAS R. SHAW

Thomas R. Shaw

FOR FAA CRS LEGRISA



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565, FAX (760) 931-9328

HOBBS: 892.4

Date
ETT
Model No.
Serial No.
Registration No.

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480. INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. C/W AD 2008-14-07 FUEL INJ. LINES AND CLAMPS BY INSPECTION. NO DEFECTS NOTED. NEXT DUE AT 992.4 ATT.

- COMPRESSION TEST: #1 78/80 #2 79/80 #3 78/80 #4 78/80.
- NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: NONE
- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 11/14/2014. THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

WORK ORDER # 72MZ111714. THOMAS R. SHAW

Thomas R. Shaw

FOR FAA CRS LEGRISA

PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER



LEA, INC DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
PAINESVILLE
CARLSBAD, CA 92011-4400
(760) 931-8565 FAX (760) 931-8528

Date	10/6/16
ETT	941.6
Model No	IO-360-M1A
Serial No	L-33042-51A
Registration No	N72MZ

HOBBS: 941.6

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D. INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE.

- COMPRESSION TEST: #1 72/80 #2 78/80 #3 75/80 #4 75/80.
- NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2015-19-07	FUEL INJ. LINES/CLAMPS	VISUAL INSPECTION	DUE EACH 100 HRS
2015-02-07	PROPELLER GOV SET SCREW	NOT DUE	AT OVERHAUL
RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:			
AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2015-19-07	FUEL INJ. LINES/CLAMPS	VISUAL INSPECTION	ATT 1041.6/ANN

• AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 9/26/2016.
THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

Thomas R. Shaw

WORK ORDER # 72MZ092916. THOMAS R. SHAW

FOR FAA CRS LE6R154J



Date: 7/17/17 N72MZ S/N: 40.716
Engine: Lycoming IO-360-M1A S/N: L-33042-51A
Total Time: 793.8 Tach: 793.8 Hobbs: 945.3

MX Aero Global LLC
2901A E. Spring St. Long Beach, CA 90806
Main: 562.366.4806
Cell: 562.881.5345

1. Replaced oil filter P/N AA48110-2. Serviced with X/C 20W-50 IAW DA40 AMM 12-10-00.
2. Performed ground run operational and leak check.

Authorized Signature

Abel Navarrete

Abel Navarrete AP3773318

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRE.	MIN.	HRE.	MIN.

INSTALLATIONS, INSPECTIONS,
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR LOGGING

Date
ETT
Model No
Serial No
Registration No

HOBBS 953.4

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-MIA, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-080. INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE.

- COMPRESSION TEST: #1 73/80 #2 75/80 #3 70/80 #4 74/80.
 - NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE
 - RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING: NONE
- AD 2015-19-07 DESCRIPTION: FUEL INJ. LINES/CLAMPS COMPLIANCE: VISUAL INSPECTION NEXT DUE: ATT 1053.4/ANN

• AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 1/3/2018. THIS LYCOMING MODEL IO-360-MIA, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

Thomas R. Shaw

FOR FAA CRS LE6R154J

WORK ORDER # 72MZ010318. THOMAS R. SHAW



LEA, INC DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8585, FAX (760) 931-9328

Date 10/15/18
Model No DA40
Serial No 40.716
Registration No N72MZ

TACH: 994.2

REMOVED OIL FILTER AND INSPECTED FOR METAL PARTICLES, INSTALLED CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. RAN ENGINE, LEAK CHECKED OIL FILTER OK...END.

Thomas R. Shaw

FOR FAA CRS LE6R154J

WORK ORDER # 72MZ101518. THOMAS R. SHAW

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

LEA
 CARLSBAD, CA 92011-4400
 (760) 931-8565, FAX (760) 931-9328

Date 3/1/19
 ETT 1031.8
 Model No. IO-360-M1A
 Serial No. L-33042-51A
 Registration No. N72MZ

HOBBS: 1031.8

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480D, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. TIMED MAGS TO ENGINE. REPLACED #2 AND #3 CYLINDER INTAKE GASKETS P/N 71973 AND O-RING P/N 77569. INSTALLED ALL NEW ROCKER COVER GASKETS P/N S75906.

- COMPRESSION TEST: #1 76/80 #2 76/80 #3 74/80 #4 75/80.
- NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE
- RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2015-19-07	FUEL INJ. LINES/CLAMPS	VISUAL INSPECTION	ATT 1131.8/ANN

- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 2/6/2019.

THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

Thomas R. Shaw

WORK ORDER # 72MZ020719. THOMAS R. SHAW

FOR FAA CRS LE6R154J



LEA, INC DBA
 LEADING EDGE AVIATION
 2010 PALOMAR AIRPORT ROAD
 HANGAR 6
 CARLSBAD, CA 92011-4400
 (760) 931-8565, FAX (760) 931-9328

Date 11/03/20
 ETT 1078.3
 Model No. IO-360-M1A
 Serial No. L-33042-51A
 Registration No. N72MZ

HOBBS: 1078.3

AN ANNUAL INSPECTION WAS COMPLETED ON THIS ENGINE, LYCOMING MODEL IO-360-M1A, S/N L-33042-51A I/A/W FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: OIL FILTER REMOVED AND INSPECTED FOR METAL PARTICLES AS PER SB-480F, INSTALLED NEW CHAMPION CH48110-1 OIL FILTER. SERVICED WITH 8 QUARTS AEROSHELL 15W-50 OIL. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED ALL SPARK PLUG GASKETS WITH P/N M674. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. SENT LEFT MAGNETO P/N 4347 S/N 11040060 OUT FOR 500 HOUR INSPECTION. REPAIRED AT AERO ACCESSORIES UNDER WO50841. INSTALLED MAGNETO AND RETIMED TO ENGINE. INSTALLED NEW MAGNETO GASKET P/N LW12681.

- COMPRESSION TEST: #1) 75/80 #2) 76/80 #3) 75/80 #4) 72/80.
- NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE
- RECURRING AD LISTING. SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2015-19-07	FUEL INJ. LINES/CLAMPS	VISUAL INSPECTION	ATT 1178.3/ANN

- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 11/03/2020.

THIS LYCOMING MODEL IO-360-M1A, S/N L-33042-51A HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE...END.

Elena M. Snover

WORK ORDER # 72MZ092220. ELENA M. SNOVER

FOR FAA CRS LE6R154J