

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

1. Nationality and Registration N72MZ
2. Manufacturer's Designation DA 40
3. Manufacturer's Serial Number 40.716
4. Type Approval or Specification Number A-224/A47CE
5. Date of Manufacture 2006
6. Aircraft Inspection Cycle _____

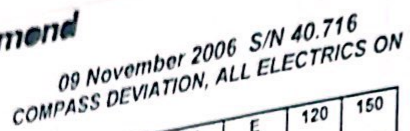
AIRCRAFT NEW WITH MT-PROPELLER ENGINE
TELA SFC NO. 3A06-52, GARMIN G1000
AMPEND. J, GARMIN GFC 700 AUTOMATIC
RYAN 9900BX TRAFFIC ADVISORY SYSTEM
SYSTEMS INC. TUNED EXHAUST SYSTEM
RESTRAINT SYSTEM INSTALLED AS PER



REGISTRATION MARK

N72MZ

40.716



INDEPENDENT CHECK OF FLIGHT AND POWERPLANT C

DATE _____

13 November, 2006

INSPECTOR

Scanned with CamScanner

ENGINEERING RECORD

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
nbH MODEL NO. MTV-12-B/183-596 INSTALLED AS PER		
IONICS SYSTEM INSTALLED AS PER FAA STC NO. SA01254WE		
CONTROL SYSTEM INSTALLED AS PER FAA STC NO. SA01389WE		
INSTALLED AS PER FAA STC NO. SA02266NY, POWER FLOW		
S PER FAA STC NO. SA03281AT, AMSAFE INFLATABLE		
TC NO. SA01918LA	Jan M. Rolland	DA Q 23
Diamond		
I certify that the Static Pressure system has been inspected and tested in accordance with Standard 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411		
DATE	INSPECTOR	
13 November, 2006	Jan M. Rolland	DA Q 23

Diamond

The ELT was tested and inspected in Accordance with Standard 571, Appendix G of the Airworthiness Manual and F.A.R. 91:207(d)

ANNUAL INSPECTION DUE: NOVEMBER 2007
BATTERY DUE: JANUARY 2009

DATE	INSPECTOR	
3 November, 2006	Jan M. Rolland	DA Q 23

Diamond

DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS) AND IS SERVICEABLE.

DATE	INSPECTOR	
13 November, 2006	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23
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	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23
	Jan M. Rolland	DA Q 23

AIR

第 10 题：()

2014年12月15日

Discontinued

DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #16192

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO THE
APPROVED TYPE DESIGN DATA AND IS IN A FIT AND SAFE STATE
FOR FLIGHT.

DATE _____

NOV 30 2006

INSPECTOR

John W. Pollard

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

DATE

Diamond

U.S. Standard Airworthiness Certificate, issued:

(Date) DEC 06 2006, has been installed in the aircraft on behalf of NE-MIDO-46 on:

(Date) DEC 06 2006

(Print) R. Salton (Signature) [Signature]



JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPR185E

Airframe Log Entry N72MZ

Date: 5-11-07

Total Time: 55.4

Tach: 55.4

Hobbs: 76.7

- 1) Complied with a 25 Hr. 50 Hr. Inspection.
- 2) Adjusted main door latch switch for door close light. ops checked ok.
- 3) Installed new pitot mast. (1ea. DA4-3417-10-00-2). checked good.
- 4) Sealed both Comm antennas with DC730 sealant.
- 5) Accomplished AD 2006-12-07 on ECI cylinders found not applicable per par (f).
- 6) Service Bulletin MSB 40-030 3 found not applicable per s n.
- 7) Service Bulletin MSB 40-02 found not applicable per s n.
- 8) Service Bulletin MSB 40-007 4 found not applicable per s n.
- 9) Service Bulletin MSB 40-012 found not applicable per s n.
- 10) Service Bulletin MSB 40-018 2 found not applicable per s n.
- 11) Service Bulletin MSB 40-026 1 found not applicable per s n.
- 12) Service Bulletin MSB 40-044 1 found not applicable per s n.
- 13) Service Bulletin MSB 40-046 1 on nose gear inspection. next due at 255.4 TT...
- 14) Service Bulletin MSB 40-033 found not applicable per type exhaust installed.
- 15) AD 2006-23-04 on Garmin G1000 aircraft found not applicable per s n.
- 16) AD 2006-05-05 on MIT-Propellers found not applicable per date of Mfr. and s n.
- 17) AD 2006-06-16 on engine crankshafts found not applicable per engine model (IO-360-M1A).
- 18) Installed new rivets on nose wheel fairing. (2ea. PAD25-M5ABS-2.5x11.3).
- 19) AD 2006-20-09 on engines found not applicable per model. (IO-360-M1A).

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

[Signature: Richard T. Fontes]

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		NOTE: USE FOR MAINTENANCE RECORDS
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 5-30-07
Total Time: 57.1
Tach: 57.1
Hobbs: 79.6

- 1) Installed new configuration module, (1ea. 011-00979-00).
- 2) Installed new GRS77, AHRS unit, (1ea. 010-00295-10, s/n 42006353).
- 3) Accomplished GNS calibrations as required, AHRS / HDG ground tested normal.

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. 21922.

Richard T. Fontes

Richard T. Fontes

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 6-22-07
Total Time: unk
Tach: unk
Hobbs: 101.0

- 1) Program PDF for extended range tank system.
- 2) Adjusted door warning system as required.
- 3) Reloaded GDL weather info as required.

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. 22039.

Richard T. Fontes

Richard T. Fontes

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17
MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 12-12-07
Total 133.8
Tach: 133.8
Hobbs: 176.3

- 1) Installed new nose gear anti-chaffing tape as required.
- 2) Installed new main wheel fairings per MM chapter 32-10, (1ea. D41-3213-92-00X01 and D41-3213-91-00X01 fairings).
- 3) Installed new top Antenna, (1ea. DMC63-1/A, s/n 42605), per MM chapter 23-10-00.
- 4) Installed new bottom antenna, (1ea. DMC96-2, s/n 19654), per MM chapter 23-10-00.

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

CARRIED FORWARD

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 1-16-08

Total 133.8

Tach: 133.8

Hobbs: 176.3

- 1) Complied with a 50/100Hr. / Annual Inspection in accordance with FAR 43 Appendix E
- 2) Accomplished SB-04-057 on take off weight increase per work instruction WT-495B-04-057, new up stop bushing required was 15mm diameter New weight and balance report was placed in aircraft Flight Manual New max ramp weight 2646 lbs. New useful load 541.8 lbs
- 3) Accomplished Garmin SB 0738 rev. "B" on transient voltage suppressor change. (See 704-15836)
- 4) Repaired passenger map light switch, ops tested good
- 5) Accomplished FAR91 207 (d) ILL inspection and test.
- 6) Installed new right aileron hinge cover cap, (1ea. 320GL10)
- 7) Installed new left and right main tires, (2ea. 156E61-3, s/n L/H 72820089 and R/H 72810495).
- 8) Installed new emergency battery, (1ea. D41-2560-93-00, s/n 07-327-9517)
- 9) Repaired ILLT wiring as required, ops tested with no problems noted.
- 10) Rigged elevator per MM chapter 27-30-00.
- 11) Accomplished AD 2002-26-01 on fuel line inspection per SB number 342E, next due 233.8 TT or by 1/2009
- 12) Accomplished Garmin G1000 continued airworthy items as required, no problems 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 Hudnall Jr.



SUPERIOR AIRCRAFT MAINTENANCE, INC.

2070 Milligan Way
Medford, Oregon 97504
(541) 772-5660
Airframe Log Entry
N72MZ

Date: 10-29-07
Total Time: 132.4
Tach: 132.4
Hobbs: 174.2

- 1) Installed new Co-pilot side DV Panel Latch p/n: 301.25.4112 I.A.W. Diamond DA-40 M.M. 56-00-00. Ops. check good.

The aircraft, airframe, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. SH-07-0883 Date: 10/29/2007.

Signed Damon May

for

Superior Aircraft Maintenance CRS# XUPR 696 U
2070 Milligan Way, Medford, Oregon 97504

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 1-29-08

Total 137.5

Tach: 137.5

Hobbs: 181.9

- 1) Installed new Tinted Canopy, (1ea. DA4-5210-20-51-GS), per MM chapter 56-10-00.
- 2) Accomplished Service Letter SI 40-061 on Garmin SB # 0735 (on GRS 77 AHRS mod 1), (1ea. 011-00868-10, s/n 42000984).
- 3) Accomplished Service Letter SI 40-064 on Garmin SB # 0739 (on G1000 Phase 6 update to version 0369).

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. 22632.

Richard T. Fontes

Richard T. Fontes

JET CENTER MFR

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

Date: 3-19-08
Total: 154.4
Tach: 154.4
Hobbs: 203.1

- 1) Accomplished AD 2008-06-51 on fuel injector hex plug inspection per SB # PRS107R1, next due at 204.4 TT or next oil change.

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. 22869.

Richard T. Fontes *Richard T. Fontes*

JET CENTER MFR

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

Date: 4-4-08
Total: 155.9
Tach: 155.9
Hobbs: 205.0

- 1) SL #72 on Airborne vacuum pumps is not applicable, no engine driven pumps installed.
- 2) Accomplished G-1000 Nav data update as required.
- 3) Service all tires to proper pressure per POH.

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
Airframe Log Entry N72MZ

Date: 8-1-08
Total: unk
Tach: unk
Hobbs: 266.7

- 1) Installed overhauled GRS 77 unit, (1ea. 011-00868-10, s/n 42006691) and upgraded software, system ops tested good on the ground 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. 23327.

Richard T. Fontes *Richard T. Fontes*

JET CENTER MFR

ROGUE VALLEY INTERNATIONAL AIRPORT #17

MEDFORD, OREGON 97504

(541) 770-5314 CRS: GCPRI85E

Airframe Log Entry N72MZ

Date: 10-21-08

Total: 236.7

Tach: 236.7

Hobbs: 299.5

- 1) Reattached canopy outer latch handle per Diamond Tech support as required.
- 2) Installed new right Nav light lamp, (Ica. 30-0428020-65 lamp).
- 3) Installed new attach screw for nose wheel fairing assembly.

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. 23522.

Richard T. Fontes



SUPERIOR AIRCRAFT MAINTENANCE, INC.

2070 Milligan Way
Medford, Oregon 97504
(541) 772-5660
Airframe Log Entry
N72MZ

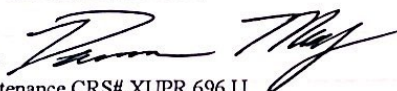
Date: 2-23-09
Total Time: 262.6
Tach: 262.6
Hobbs: 329.4

- 1) Complied with 50/100Hr. / Annual Inspection I.A.W. FAR appendix D with reference to Diamond DA40 M.M. 5-20 (annual check list).
- 2) Performed AD research thru bi-weekly 2009-04, see AD listing for AD's.
- 3) Complied with FAR 91.207(d), ELT Test and Inspection. No discrepancies noted.
- 4) Complied with AD 2007-17-06, dated 8/10/2007, I.A.W. MSB D4-046/1. Due next inspection 2/23/2010 or 462.6 ACTT whichever occurs first.
- 5) Fabricated and installed new exhaust hanger per dimensions and material specified in Power Flow Systems, Inc. exhaust STC# SA03281AT KIT-PFS-15103 ICA.
- 6) Installed new ELT Batteries (8 each p/n: MN1300) per Diamond DA40 M.M. 25-60-00 and Manufacturers instructions. Batteries due replacement 2/2014.
- 7) Performed G1000 Lighting Protection Visual Inspection per G1000 / GFC 700 System Maintenance Manual par. 4.2. No discrepancies noted.
- 8) Performed G1000 System Flap Discrete Function Test I.A.W. G1000 / GFC 700 System Maintenance Manual par. 4.8. No discrepancies noted.
- 9) Performed G1000 System Visual Inspection I.A.W. G1000 / GFC 700 System Maintenance Manual par. 4.2. No discrepancies noted.
- 10) Performed GFC 700 AFCS Visual Inspection I.A.W. G1000 / GFC 700 System Maintenance Manual par. 4.2. No discrepancies noted.
- 11) Performed GSM 85 Pitch, Roll and Pitch Trim Servo Clutch Torque Check per Garmin installation drawings 005-00336-17, -18 and -19. No discrepancies noted.
- 12) Installed (5 each) new Screws p/n: ISO738M5X16A2 in R/H Front Seat Access Panel I.A.W. Diamond DA40 M.M. 25-00-00.
- 13) Performed FAR 91.411 Altimeter System Test and Inspection per FAR 43 appendix E on Pilot's ADC s/n: 47807256, and Standby Altimeter s/n: 456115.
- 14) Performed FAR 91.413 Transponder Test and Inspection per FAR 43 appendix F on Transponder s/n: 89103256.
- 15)

The aircraft, airframe, aircraft engine, appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. SH-09-1264 Date: 2/23/2009.

Signed Damon May

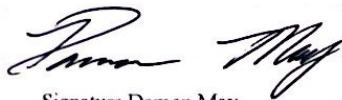
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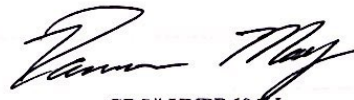
Superior Aircraft Maintenance CRS# XUPR 696 U
2070 Milligan Way, Medford, Oregon 97504

I certify that the altimeter(s) and static system(s) test Required by FAR 91.411 have been performed and Meet the criteria in FAR Part 43 appendix E. The Altimeter(s) were tested to 20,000feet on 2/23/2009
#1 ADC serial number 47807256
Standby Altimeter serial number 456115

I certify that the Transponder(s) Serial Number 89103256 Systems have been tested in accordance with FAR 91.413 And meets the requirements of FAR Part 43 appendix F and Current advisory circulars. Records on file under SO# SH-09-1264 Date 2/23/2009 Signature Damon May



Signature Damon May
CRS# XUPR696U
Superior Aircraft Maintenance
2070 Milligan Way
Medford, OR. 97504



CRS# XUPR696U
Superior Aircraft Maintenance
2070 Milligan Way
Medford, OR. 97504



SUPERIOR AIRCRAFT MAINTENANCE, INC.

2070 Milligan Way
Medford, Oregon 97504
(541) 772-5660
Airframe Maintenance Record
N72MZ

Date: 7-02-09
Total Time: 294.9
Tach: 294.9
Hobbs: 366.7

- 1) Installed new Main Aircraft Battery p/n: RG24-15M, s/n: 40302030 I.A.W. DA40 M.M. 24-00-00.

The aircraft, airframe, aircraft engine, appliance identified above was repaired and / or inspected in accordance with current maintenance rules of the Federal Aviation Regulations and was found airworthy and is approved for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. AV-09-0323 Date: 7/02/2009

Signed Damon May

for

Superior Aircraft Maintenance CRS# XUPR 696 U
2070 Milligan Way, Medford, Oregon 97504

SOUTHWEST FLIGHT CENTER

N72MZ
DA40 S/N-40.0716

07-28-10

TIS-351.1
ACTT-351.1

Performed a 50,100Hr, Annual Inspection I/A/W SWFC Inspection Checklist, FAR 43 Appendix D, DA40 AMM, And Using DA40 Annual Checklist As A Guide. Replaced Lt. Main Tire. Installed Condor 6.00x6x6Pr. Cleaned, Inspected, Repacked Main And Nose Wheel Bearings,, Reattached Front Canopy Outside Latch Handle, Replaced Lt. / Rt. Brake Pads Installed P/N- 066-14100 Pads. Inspected Elt I/A/W CFR 91.207 (d) No Discrepancies, Battery Due Change 2-2014. Replaced Emergency Battery P/N-D41-2560-93-00 Next Due Replacement-07-2012.

C/W The Following Recurring Ad's AD-09-07-14 Wing Spar Void Test. Per. MSB-40-060. No Discrepancies Noted. Submitted Report. AD-09-10-04 Nose Gear Inspection Per MSB-D4-046/1 No Defects. Due 7-28-11 / ACTT-551.1. AD's Checked Thru. Rev. 2010-14.

I Certify That This Aircraft Was Inspected I/A/W A 50/100Hr/Annual Inspection And Was Determined To Be In Airworthy Condition.

Sign George A. Encinas Print George A. Encinas
Cert. AP1379369IA

SCOTTSDALE AIRPORT (480-991-2880)

CARRIED FORWARD

ENGINEERING RECORD

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

N72MZ
 6-30-11

Diamond DA-40
 Hobbs: 622.2 Hrs

S/N: 40.716
 Tach: 508.3 Hrs

Maintenance performed:

- Complied with AD 2010-25-01 by installing Diamond MSB 40-070 improved passenger door retaining bracket, P/N DA4-5200-00-69-SB and updating AFM with new "Rear Door Unlocked" emergency procedures.

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-11-06320.

[Signature]
 Authorized Representative



LEA, INC DBA
 LEADING EDGE AVIATION
 2010 PALOMAR AIRPORT ROAD
 HANGAR 6
 CARLSBAD, CA 92011-4100
 (760) 931-8565 FAX: (760) 931-9328

Date 07/22/11
 ATT 508.7
 Model No. DA40
 Serial No. 40.716
 Registration No. N72MZ

TACH: 508.7

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED RIGHT MAIN TIRE WITH P/N 33031, S/N B5E43710. REPLACED LEFT MAIN TIRE WITH P/N 33031, S/N B5F43710.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). **NEXT DUE: 7/2012**

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
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 708.7/ ANN

• AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 6/13/2011.
 THIS DIAMOND DA40, S/N 40.716 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

[Signature]
 FOR FAA CRS **LE6R154J**

I certify that the Altimeter, Automatic Pressure Altitude Reporting Static Systems and ATC Transponder test and Inspections required by FAR 91.411 & 91.413(a) have been performed and found to comply with FAR 43, Appendix E&F

N# N72MZ
 Altimeter S/N PF0/P14 SB/CP in 1/2 Tested to 20000 Feet

Encoder S/N in 1/2 Transponder S/N in 1/2

Work Order# 57890, 57889 SW VER 1/4

Date: 08/17/2011 Signature *[Signature]*

Instrument Overhaul Service of San Diego, CA, Inc.

1981 N. Marshall Ave, El Cajon, CA 92020

Phone # (619) 449-5565 FAA CERT# CB3R417L

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED AND
	HRS.	MIN.	HRS.	MIN.	



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565 FAX (760) 931-8328

Date 08/13/12
ATT 629.1
Model No DA40
Serial No 40.716
Registration No. N72MZ

TACH: 629.1

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. COMPLIED WITH AD 2009-07-14 WING SPAR DELAMINATION PER MSB-40-060 AND DA40 M. M. 51-10-00. REPLACED LEFT BRAKE LININGS WITH P/N 066-14100.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). **NEXT DUE: 8/2013**

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
		C/W BY INSPECTION	ATT 829.1/ ANN
2009-10-04	NOSE GEAR LEG		

AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 7/13/2012.
THIS DIAMOND DA40, S/N 40.716 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



LEA, INC. DBA
LEADING EDGE AVIATION
2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565, FAX (760) 931-8328

Date 10/22/13
ATT 674.3
Model No DA40
Serial No 40.716
Registration No. N72MZ

TACH: 674.3

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. COMPLIED WITH AD 2009-07-14 WING SPAR DELAMINATION PER MSB-40-060 AND DA40 M. M. 51-10-00. REMOVED PROPELLER AND SENT TO TIFFIN AIRE INC, OHIO FOR OVERHAUL. INSTALLED OVERHAULED PROPELLER MOD. NO. MTV-12-B, S/N 061269. INSTALLED NEW WING ROOT SEALS P/N 1110762. REPLACED FUEL FILTER WITH P/N FIA375 AND O-RING P/N ORO375S.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). **NEXT DUE: 10/2014 ELT BATT. DUE: 3/2015**

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
		C/W BY INSPECTION	ATT 829.1/ ANN
2009-10-04	NOSE GEAR LEG		

AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 9/30/2013.
THIS DIAMOND DA40, S/N 40.716 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

FOR FAA CRS LE6R154J

CARRIED FORWARD

ENGINEERING RECORD



Make: DIAMOND AIRCRAFT IND INC
Model: DA 40
S/N: 40.716
N72MZ

August 15, 2013

I certify that the Altimeter Automatic Pressure Altitude Reporting and Static Systems Tests and Inspections required by FAR 91.411 have been performed and found to comply with FAR Part 43, Appendix E.

Altimeter tested to: 20,000
Pilot Altimeter S/N: 47807256
Standby Altimeter S/N: 456115

I certify that the ATC Transponder Tests and Inspections required by FAR 91.413 (a) have been performed and found to comply with FAR Part 43, Appendix F.

Transponder #1 S/N: 89103256

This Aircraft, Airframe, or appliance indemnified above has been repaired and or inspected in accordance with current Regulations of the Federal Aviation Administration and Manufacturer data and is approved to return to service

Neal Aviation
FAA Repair Station #NOER688Y
1860 Joe Crosson Dr.
El Cajon, CA 92020
Hanger 1
619-663-1000

Date: 8/15/13 Signature: 



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	11/20/14
ATT	892.4
Model No.	DA40
Serial No.	40.716
Registration No.	N72MZ

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). NEXT DUE: 11/2015 ELT BATT. DUE: 3/2015

NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION:

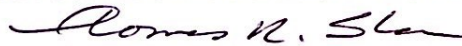
AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2014-13-08	AFT MAIN SPAR	NOT DUE	ATT 2000/JAN 2023

RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 1092.4/ ANN

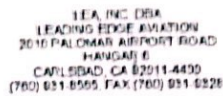
- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 11/14/2014.

THIS DIAMOND DA40, S/N 40.716 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

FOR FAA CRS LE6R154J

[illegible]

Date
ATT
Model No
Serial No.
Registration No.

WORK ORDER # 72MZ122914. THOMAS R. SHAW

FOR FAA CRS LE6R154J



Date	10/8/15
ATT	0941.6
Model No.	DA40
Serial No.	40.716
Registration No.	N72MZ

WORK ORDER # 72MZ100715. THOMAS R. SHAW

FOR FAA CRS LE6R154J

Scanned with CamScanner

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

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
HANGAR 6
CARLESDAD, CA 92011-4400
(760) 931-8505 FAX (760) 931-9328

Date 10/6/16
ATT 941.6
Model No DA40
Serial No 40.716
Registration No N72MZ

HOBBS: 941.6

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. REPLACED RIGHT TIRE WITH NEW AIRHAWK 15X6.00 TIRE P/N 33031, S/N B5E43316. REPLACED NOSE TIRE WITH 5.00X5 AIRHAWK TIRE P/N 30842, S/N B3D42516. INSTALLED NEW MUFFLER EXHAUST INSERT P/N PFS-8016, S/N 16-0658. REPLACED ELT BATTERIES WITH P/N MN1300.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). NEXT DUE: 10/2017 ELT BATT. DUE: 10/2018

NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: NONE
RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR I-TIME AD COMPLIANCE LISTING:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2014-13-08	AFT MAIN SPAR	NOT DUE	ATT 2000/JAN 2023
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 1141.6/ ANN

AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 9/26/2016.
THIS DIAMOND DA40, S/N 40.716 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
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

- Replaced wing seals P/N 1110762.
- Replaced fuel placards P/N D41-112710-22.
- Replaced LH and RH foot step pads.
- Replaced hardware for landing light.
- Replaced all strip decals.
- Replaced nose elastomer elements P/N DA4-9032-23-02 and DA4-9032-23-01.

Authorized Signature

Stanley Jijawi
Stanley Jijawi AP3704706



Date: 7/18/17 N72MZ S/N: 40.716
Total Time: 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

- Garmin SB 0919A (G1000 system software) updated to 321.22 IAW Garmin Field Update Instructions.

Authorized Signature

David Seastead
David Seastead AP3492477 IA



HOBBY 9534

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 U/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. INSTALLED NEW OIL PRESSURE SWITCH P/N 0-986-344-077, S/N RC1802736(1).
 • INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d).
 • NEXT DUE: 1/2019 ELT BATT. DUE: 10/2018
 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
2014-13-08	AFT MAIN SPAR	NOT DUE	ATT 2000/JAN 2023
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 1141.6/ ANN

 • AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 1/3/2018.
 THIS DIAMOND DA40, S/N 40.716 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 # 72MZ010318. THOMAS R. SHAW

FOR FAA CRS LE6R15M

I certify that the Altimeter, Automatic Pressure Altitude Reporting Static Systems and ATC Transponder test and Inspections required by FAR 91.411 & 91.413(a) have been performed and found to comply with FAR 43, Appendix E&F N# 72 M2
 Altimeter S/N PDE 1041C ^{STB} 456115 Tested to 20,000 Feet
 Encoder S/N W 41C Transponder S/N W 41C
 Work Order# 70624, 70627 SW VER 81/A
 Date: 1-29-2018 Signature Edmund Valdez
 Instrument Overhaul Service of San Diego, CA, Inc.
 1981 N. Marshall Ave, El Cajon, CA 92020
 Phone # (619) 449-5565 FAA CERT# CB3R417L

CARRIED FORWARD

CUSTOMER INSTRUMENT MFG P/N SN RECEIVED DUE COMPLETED
 LEA
 TRANS PONTON
 STY 32
 IN 41C
 1/29/18

WORK TO BE PERFORMED
☐ OVERHAUL
☐ REPAIR

FAA Repair Station CB3R417L
 El Cajon, California 92020
 (619) 449-5565

N72MZ

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

SERVICE
NUMBER



2010 PALOMAR AIRPORT ROAD
HANGAR 6
CARLSBAD, CA 92011-4400
(760) 931-8565 FAX (760) 931-9328

Date 5/1/19
ATT 1031.8
Model No. DA40
Serial No. 40 716
Registration No. N72MZ

HOBBS: 1031.8

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40 716 U/A/W THE DIAMOND DA40 INSPECTION CHECKLIST AND FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. INSTALLED NEW FUEL FILTER P/N FIA375 AND O-RING P/N ORO375S. REPLACED ELT BATTERIES P/N MN1300.

- INSPECTED THE ELT IN THIS AIRCRAFT AND FOUND THAT IT MEETS THE REQUIREMENTS OF FAR 91.207(d). NEXT DUE: 3/2020 ELT BATT. DUE: 3/2021

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
2014-13-08	AFT MAIN SPAR	NOT DUE	ATT 2000/JAN 2023
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 1231.8/ ANN

- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 2/6/2019.
THIS DIAMOND DA40, S/N 40.716 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
ATT 1078.3
Model No. DA40
Serial No. 40.716
Registration No. N72MZ

HOBBS: 1078.3

AN ANNUAL INSPECTION WAS COMPLETED ON THIS AIRCRAFT, DIAMOND DA40, S/N 40.716 I/A/W FAR 43 APPENDIX D. THE FOLLOWING WORK WAS ALSO ACCOMPLISHED: AIRCRAFT LUBED AND SERVICED AS NECESSARY. CLEANED ALL FUEL SYSTEM STRAINERS. INSTALLED NEW FUEL FILTER O-RING P/N ORO375S. INSTALLED 2EA NEW 15x6.00-6 MAIN TIRES P/N 33031 S/N B5F43920. INSTALLED NEW CONCORDE BATTERY P/N RG24-15M S/N 41105765.

- INSPECTED AND TESTED ELT AS PER FAR 91.207(d). ALL FUNCTIONS NORMAL. NEXT DUE: 10/2021
ELT BATT. DUE: 3/2021

NEW AIRWORTHINESS DIRECTIVES SINCE LAST ANNUAL INSPECTION: YES LOGS UPDATED
RECURRING AD LISTING, SEE LOGBOOK AD SECTION FOR 1-TIME AD COMPLIANCE LISTING:

AD	DESCRIPTION	COMPLIANCE	NEXT DUE
2014-13-08	AFT MAIN SPAR	NOT DUE	ATT 2000/JAN 2023
2009-10-04	NOSE GEAR LEG	C/W BY INSPECTION	ATT 1278.3/ ANN

- AIRWORTHINESS DIRECTIVES WERE CHECKED THROUGH REVISION: 11/03/2020.
THIS DIAMOND DA40, S/N 40.716 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 # 72MZ092220. ELENA M. SNOVER

Elena M. Snover

FOR FAA CRS LE6R154J



LEADING EDGE AVIONICS

CRS# 137R2360
19300 IKE JONES RD.
SANTA ANA, California 92707
United States
Telephone: 714-995-4151

Log Book Entry

Work Order No: 5238
December 03, 2020

Registration #: N72M2	Diamond DA40	Serial Number: 40716	AcftType: L200 4	Hubb: 1076.4
Part Number	Serial Number	Description		
Removed				
011-00779-10	SN: 89103256	GTX 33 REMOTE MODE 5 XPDR	New Weight:	1.803.81
DMC63-1-A	SN: 42605	COMM ANT	New CG/Arm:	98.24
Installed				
011-03303-41	SN: 30H440443	GTX 345R GPS ADS-B TRANSPONDER	New Moment:	177.201.94
CI-2580-200	SN: 642956	COMDAT VHF/GPS WAAS		

- 3.1 Removed (1) existing Garmin GTX 33 Remote Transponder (XPDR) and installed (1) new GARMIN GTX 345R GPS/WAAS ADS-B "IN/OUT" XPDR. In Accordance With (IAW) Manufactures AML/STC SA01714W1 and Installation Manual #190-00734-10 Rev 14. This aircraft is listed on the Approved Model List contained within STC SA01714W1.
- The GARMIN GTX 345R XPDR is protected by removing an existing 5 Amp circuit breaker (CB) and replacing it with KLIXON (2TC2-3) 3 Amp powered by the aircraft's 'Essential Buss' located on the pilot's CB panel labeled "XPDR".
- Removed (1) DMC63-1-A Comm Antenna and Replaced with (1) New COMDAT CI-2580-200 VHF / GPS Antenna IAW Manufactures AML/STC SA01714W1 and Installation Manual # 190-00734-10 Rev 14.
- Configured aircraft systems and paired GTX 345R with the existing Avidyne Traffic system for ADS-B "IN / OUT".
- GPS keep alive installed as recommended to preserve internal GPS using an in-line 3 amp fuse connected directly to primary 'Battery' source and is located near battery compartment.
- The GTX 345R XPDR has been tested and inspected and found to comply with FAR 91.413 IAW Appendix F of Part 43.
- Performed Operation/Performance Checkout I.A.W with Manufactures AML/STC Install Manual # 190-00734-10 Rev 14.
- This installation meets FAR 91.225 and 91.227 which provides the ADS-B equipment requirements effective Jan. 1, 2020.
- An Operator's Handbook/Guide (G1000 Interface) PN: 190-00303-00 Rev A dated Feb 2016 was provided to aircraft operator for quick guide reference.

- > Maximum electrical load did not exceed 80% of the generating capacity of the electrical charging system.
- > The installation exhibits no interference to communication or navigation systems.
- > Weight & Balance/Equipment List have been amended.
- > FAA Form 337 prepared and provided in compliance with part 43.9.

The items identified above were installed, repaired and/or inspected in accordance with current Federal Aviation Regulations, manufacturer's specifications and approved for return to service with respect to the work performed. Pertinent details are on file at the repair station under Work Order Number 5238.

Signed: RON FREEMAN

Date: 12/3/2020

CRS# 137R2360