

AIRFRAME LOG SCAN

N2287A (formerly N500DH)

Diamond DA40

Airframe SN 40.226

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

AIRCRAFT

1. Nationality and Registration AV500DA N2287A
2. Manufacturer's Designation DA40
3. Manufacturer's Serial Number 40.226
4. Type Approval or Specification Number A-224/A47CE
5. Date of Manufacture 2002
6. Aircraft Inspection Cycle _____

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD <small>NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE RECORD</small>
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	0	0	0	0	AIRCRAFT NEW



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

02 AUGUST 2002 S/N 40.226
COMPASS DEVIATION, ALL ELECTRICS ON

FOR	N	30	60	E	120	150
STEER	356	028	057	090	119	150
FOR	S	210	240	W	300	330
STEER	177	208	240	270	300	329

SERIAL NUMBER

40.226

REGISTRATION MARK

N500DH



INDEPENDENT CHECK OF FLIGHT AND POWERPLANT CONTROLS

DATE

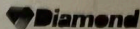
02 August, 2002

INSPECTOR

Mark Tucker

DA
Q 5

02 AUG 2002	0	0	0	0	AIRCRAFT SERVICEABLE FOR FLIGHT
02 AUG 2002			0.5		
03 AUG 2002			0.5		AIRCRAFT IS SERVICEABLE
03 AUG 2002			1.9		
06 AUG 2002			1.9		AIRCRAFT IS SERVICEABLE
06 AUG 2002			3.2		
06 AUG 2002			4.0		
06 AUG 2002			4.4		
09 AUG 2002			4.4		ALL SNAGS RECTIFIED



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

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

DATE

09 August, 2002

INSPECTOR

Bob

DA
Q 13

4.4

CARRIED FORWARD

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

COMPLETED 25/50/100 HR ITEMS

SERVICED BATTERY, & BRAKE FLUIDS

RIGHT MAIN TIRE REPLACED LH.

RESET SHIM TO CORRECT TO MACH TOLERANCE

COOL HEAT SHIELD

MAGNETIC.

MAIN FAIRING.

PN 3010017

WITH FACTORY NEW PART. SN 75516

OK.

DA 40 MAINTENANCE MANUAL

BEARING BUSHING & WASHER PER INSTRUCTIONS

TANKS AND FUEL XANESER.

2817-22-00 BN L1590A REPAIRED

AIR RS #ZUVR0615.

PN 3010011-WIP SN 88033000 (51041588)

REINSTALLED WING.

AND GUNGS (PART) CALIBRATION OK

HANDLES OK.

INSPECTED AND TESTED BY
UNIT IN ACCORDANCE WITH
PAR 91.207 (D) BATTERY DUE 8-09

DATE 8-12-2003

I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE
WITH 2817-22-00 INSPECTORAND WAS DETERMINED TO BE
AIRWORTHY CONDITION.

W.O. 11799 ET 188.3

SIERRA MOUNTAIN AVIATION, INC.

A&P, I.A. 567495144

A&P 567495144

RELEASE



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**

Tach: ~~128~~ 28.8

H038515.9

Date: 5/04/07 Work Order: 12831

Complied with Mandatory Service Bulletin 40-030/3 by installation of fuel shaft, P.N. D41-2823-20-00CS, Rev. A.

Signature: *Daniel L. Grass*

Daniel L. Grass A/P I.A. 561979220

Sierra Mountain Aviation, Inc. 530.273.5273



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**

Tach: 355.1 Total Time: 355.1

Date: 9/10/2007 Work Order: 12935

Performed a Annual/100 Inspection and service per SMA checklist and Diamond 100 Hr checklist
Inspected and tested ELT unit tested in accordance with FAR 91-207 (d), battery due again 08/2011
Loosened fuel line fitting at right main gear, cleaned and retightened
Installed a new tube in the nose tire, 5.00X5
Rotated main tires

I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition

Signature: *Gerald W. Rose*

Gerald W. Rose A/P I.A. 567495144

Sierra Mountain Aviation, Inc. 530.273.5273



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**

Tach: 376.8 Work Order: 13031

Date: 3/18/08

Installed a new aircraft battery, P.N. CB24-11M, S.N. 40201697

Signature: *Gerald W. Rose*

Gerald W. Rose 567495144

Sierra Mountain Aviation, Inc. 530.273.5273

I certify that the Altimeter, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter tested to 20000 FL N 500DH

IAW FAR 43 App. E on 5 JUN 08

Signed *Gerald W. Rose*

Date 5 JUN 08

Northcoast Services #s WR3R956L Time 97.9

Date: 5 JUN 08
 Tested by: *Gerald W. Rose*

Scale	Altitude	Reads
8000	+	73
6000	+	71
4000	+	69
3000	+	67
2000	+	65
1500	+	63
1000	+	61
500	+	59
0	+	57
-1000	+	55

SCALE CORRECTIONS

ALTIMETER SER. NO.

425579


Alt. Reads	Add Algebraically	
	Room Temp. °C	Low Temp. °C
-1000	1111	
0	1111	
500	1111	
1000	1111	
1500	1111	
2000	1111	
3000	1111	
4000	1111	
5000	1111	
6000	1111	
8000	1111	
10000	1111	
12000	1111	
14000	1111	
16000	1111	
18000	1111	
20000	1111	
22000	1111	

[illegible]

DATE _____

TESTED

5902

BY: 

INSPECTED

BY: *[Signature]*

Form No. 0017

SIGNATURE _____

LICENCE
NUMBER

ted in Accordance with Chapter 571,
less Manual and F.A.R. 91:207(d)

ION DUE: JULY 2003

JANUARY 2008

INSPECTOR

DA
Q 10

I certify that the static pressure system has been inspected and tested in accordance with Chapter 571, Appendix B of the Airworthiness Manual, and F.A.R. 91.411

DATE _____

INSPECTOR

02 August, 2002

DA
O 13

ATE

02 August, 2002

INSPECTOR

DA

DA
0.1

2234363

DA

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228

27

20

10



Diamond

U.S. STANDARD AIRWORTHINESS CERTIFICATE
ISSUED

DATE: 12 Dec 2002 AND INSTALLED IN THE

AIRCRAFT ON BEHALF OF THE F.A.A. ON:

DATE: 12 Aug 2002

NR-10100-46



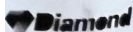
ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

SIGNATURE

LICENCE
NUMBER

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



I certify that the ATC Transponder & Altitude Reporting system(s) have been tested in Accordance with Chapter 571, Appendix F F.A.R. 91:217; & F.A.R. 91:413.

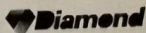
DATE

INSPECTOR

02 August, 2002

RSD

DA
Q 13



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

ANNUAL INSPECTION DUE: JULY 2003

BATTERY DUE: JANUARY 2008

DATE

INSPECTOR

02 August, 2002

RSD

DA
Q 13



I certify that the Static Pressure system has been inspected and tested in accordance with Chapter 571, Appendix B of the Airworthiness Manual, and F.A.R. 91:411

DATE

INSPECTOR

02 August, 2002

RSD

DA
Q 13



DIAMOND AIRCRAFT INDUSTRIES
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

02 August, 2002

RSD

DA
Q 13

RSD

DA
Q 13

RSD

CL24263

RSD

DA
Q 13

RSD

CL24263

RSD

DA
Q 13

RSD

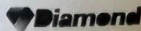
CL24263

RSD

CL24263

RSD

DA
Q 13



U.S. STANDARD AIRWORTHINESS CERTIFICATE
ISSUED

DATE: 12 Aug 2002 AND INSTALLED IN THE

AIRCRAFT ON BEHALF OF THE F.A.A. ON:

DATE: 12 Aug 2002

NR-M100-40



AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRB.	MIN.	HRB.	MIN.	
BROUGHT FORWARD			4.4		

LOGBOOK ENTRY Dated 8/20/02
 Diamond Model DA-40 Reg #N500DH
 Installed Goodrich Skywatch Traffic
 Advisory System model Sky497 per 337
 this date. WT & Bal and equipment list
 amended. FAA CRS CESR116N.

Signed *Don Hamer*
 For Denver Avionics Inc.

9-13-2002			43	3	PERFORMED FIRST 25 HRC COMPLETED 25/50/100 HRC CHECK LIST. AIRED UP TIRES, CHECKED ADJUSTED TURN COORDINATOR RESEALED GASGAUATOR BOWL RIGHT HAND SIDE JUST OUTBD WORK DONE IN REFERENCE
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9-19-2002			44	3	REPLACED DEFECTIOUS FUEL TESTED SYSTEM UNIMOD FOR
-----------	--	--	----	---	--

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

D. Stew

DA
913

100HR INSPECTION.

ITEMS PER DA40 MAINTENANCE

LIGHTS, BATTERY AND SERVICED BRAKE RESINOR DATE 9-13-2002
 FOR LEVEL.
 , CHECKED TORQUE ON FUEL HOSE FITTING
 OF LANDING GEAR LEG.
 TO DIAMOND DA-40 MAINTENANCE MANUALS

I CERTIFY THAT THIS AIRCRAFT
 HAS BEEN INSPECTED IN ACCORDANCE
 WITH ~~THE 100 HR~~ INSPECTION
 AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION. W.O. 11546 TT. 47.3
 BERHA MOUNTAIN AVIATION, INC.

PRESSURE TRANSDUCER P/N3010017
 FUEL PRESSURE OK NO LEAKS (S/N 80382)

AP567495144
 AP567495144

ENGINEERING RECORD

3

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

COMPLETED 25/50/100 HR ITEMS

SERVICED BATTERY, & BRAKE FLUIDS

RIGHT MAIN TIRE REPLACED L/H.

RESET SHIM TO CORRECT TO MACH TOS-IN

COOL HEAT SHIELD

MAGNETIC.

MAIN FAIRING.

PN 3010017

WITH FACTORY NEW PART. SN 75516

OK.

DA 40 MAINTINANCE MANUAL

BEARING BUSHING & WASHER PER INSTRUCTIONS

INSPECTED AND TESTED BY
UNIT IN ACCORDANCE WITH

FAA 91.207 (D) BATTERY DUE 8-07

DATE 8-12-2003

I CERTIFY THAT THIS AIRCRAFT
HAS BEEN INSPECTED IN ACCORDANCE
WITH 25/50/100 HR INSPECTION
AND WAS DETERMINED TO BE IN
AIRWORTHY CONDITION.

W.O. 11799 FT 188.3

SIERRA MOUNTAIN AVIATION, INC.

A&P, I.A. 567495144

TANKS AND FUEL X-ANAL

2817-22-00 SN L154

AIR RS #ZUVR06

PN 3010011-WIP SN

REINSTALLED IN

AND GANGE (QAT)

HANDLS OK.

LOREE AIR
3822 DOGWOOD LANE
PLACERVILLE, CA 95667
(530) 626-0691

SERVICEABLE
FAA #ZUVR061J

CUSTOMER SIERRA MOUNTAIN AVIATION

UNIT NAME FUEL TANK R/H INBO.

P/N TYPE 2817-22-00 SER 1590A

TYPE OPEN END CAPS AND NO. 2817-22-00 SER 1590A

SERVICE 2817-22-00 SER 1590A

MECHANIC DATE 7-1-04

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION

Registration N500DH
Make Diamond
Model DA40
Serial No. 40.226
Work Order No. 790

AlpineAviation

13310 Nevada City Ave.
Grass Valley, CA 95945
(530) 477-7701

Date May 15, 2003
Hobbs 166.0
Tach 132.0
TTAF 132.0

Description of Inspections, Tests, Repairs, and Alterations.

- 1 Replaced both main tires w/ new p/n 30844 and tube w/ new p/n 6.00-6.
- 2 Replaced both sets of brake pads w/ new p/n 066-14100.

Approved for return to service.

Signature

Serge Barlow

Certificate No. 561795804 A&P

8-12-2003 188.3 188.3

ANNUAL INSPECTION SCANNED
PER DA 40 MAINTINANCE MANUAL
GREASED WHEEL BEARINGS, LHA
CHECKED MAIN BEAR TOE & CAMBER
REPLACED LOOSE RIVETS ON LT
SWUNG & ADJUSTED COMPASS
REPAIRED SMALL CRACK IN LHA
REPLACED FUEL PRESSURE TRANSDUCER
REMOVED SN 80382 LEAK CHECKED
WORK DONE IN REFERENCE TO
INSTALLED DA40-180 RUDDER PIVOT

7-2-04 228.7 228.7

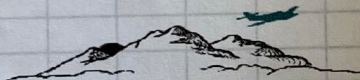
REMOVED RIGHT WING, FUELED
INBOARD FUEL TANK IN DUL
SMALL PIN HOLE'S BY 1000
INSTALLED NEW FUEL PUMP
REINSTALLED TANKS IN WING
FUELED, CHECK FOR LEAKS
CH (ASB 40-030) FUEL SELECTOR

CARRIED FORWARD

DATE	DAILY TOTAL		TOTAL TIME MF	Scale Co	Altitude	Reads	Add	0	-1000	500	1000	1500	2000	3000	4000	5000	6000	7000	8000
	HRS.	MIN.																	
7-22-04	229	1	229	1															
BROUGHT FORWARD																			

PERFORMED AN ANNUAL INSPECTION PER DA 40 MAINTENANCE MANUAL CLEANED AND GREASED WHEEL WORK DONE PER DA 40 MAINTENANCE MANUAL
END

I certify that the Altitude, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.
Altitude tested to 20000 Ft. N 500DH
IAW FAR 43 App. E on 22-JUL-04
Signed J. Slattery Date 22-JUL-04
Northcoast Services c/s WR3R955L Time 237.6



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH Airframe

Tach: 267.0 Total Time: 267.0

Date: 7/25/2005 Work Order: 12422

Performed an Annual/100 Inspection and service items per SMA checklist

Inspected and tested ELT unit in accordance with FAR 91-207 (d) battery due again (08/09)

Changed out right head set resistor with owner supplied resistor

Replaced (1) AA battery in clock

I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition

Signature

Gerald W. Rose A&P/I.A. 567495144

Sierra Mountain Aviation, Inc. 530.273.5273

Scale

Altimeter

Reads	Add
-1000	-5
0	-10
500	-15
1000	-10
1500	-5
2000	-5
3000	-5
4000	-1
5000	+5
6000	+5
8000	+15

Date 12 JUN 06

Tested by J. G. Smith

ENTRIES. DRAW A C

CUMMS.

SIGNATURE

LICENCE
NUMBER

DATE 7-22-2004
 I CERTIFY THAT THIS AIRCRAFT
 HAS BEEN INSPECTED IN ACCORDANCE
 WITH ANNUAL INSPECTION
 AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.
 W.O. 12137 T.T. 229.1
 SIERRA MOUNTAIN AVIATION, INC.

INSPECTED AND TESTED BY
 UNIT IN ACCORDANCE WITH
 FAR 91.207 (d) BATTERY DUE 8-09

SERVICE, 25/50/100HR ITEMS COMPLETED
 SERVICED BRAKE AND BATTERY FLUIDS.

CS
 CS MANUAL AND CHECK LIST.
 — END —

A&P I.A. 567495144

I certify that the Altimeter, Static System, & Altitude Reporting
 tests required by FAR 91.411, and the Transponder tests required
 by FAR 91.413 have been performed IAW FAR 43 App E & F.

Altimeter tested to 20000 Ft. N. 5000DH

IAW FAR 43 App. E on 12 JUN 06

Signed J. G. Smith Date 12 JUN 06

Northcoast Services c/s VR3R955L Time 237.6



Sierra Mountain Aviation, Inc.
 13308 Nevada City Ave
 Grass Valley, Ca 95945

N500DH Airframe

Tach: 283.2 Total Time: 283.2

Date: 08/11/2006 Work Order: 12676

Performed an Annual/100 Inspection and service items per SMA and Diamond checklist

ELT unit tested in accordance with FAR 91-207 (d) battery due again 08/09

Re-torqued all headset jacks

Installed new brake pads on left/right brake assemblies

Installed new cups and cones on left/right main landing gear inboard wheel halves

Installed new nose tire, Michelin 5.00-5X6 ply and re-packed wheel bearings

Installed (2) new tires main landing gear, Michelin Airs 6.00-6X6 ply

Installed 28 new MN1500 Duracell batteries in Aux bus

I certify this aircraft has been inspected in accordance with an Annual/100HR inspection
 and was determined to be in airworthy condition.

Signature: J. G. Smith

Gerald W. Ross A&P I.A. 567495144

Sierra Mountain Aviation, Inc. 530.273.5273

AIR TIME AND

Scale Co

Altitude



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, CA 95945

N500DH Airframe
Tach: 313.1
Date: 3/13/07 Work Order: 12789

Removed, cleaned and reinstalled pilots overhead light assembly
Installed new Hobbs meter, new Hobbs reads 0 time, old Hobbs reads 237.6
Reinstalled Attitude Gyro, P.N. 504-0111-938 after overhaul by Weeco Aerospace, Inc, under W/O L30077
Cleaned and tightened connector for fuel pressure gauge at fuel servo

Signature: *[Signature]*
Gerald W. Rose A/P I.A. 567495144

Reads Add

-1000	+5
0	—
500	—
1000	—
1500	-5
2000	—
3000	—
4000	+5
6000	+10
8000	+15

Date: 21 JUN 10

Tested: *[Signature]*



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, CA 95945

N500DH Airframe
Tach: 403.1 Work Order: 13611
Date: 5/12/2010

Installed new rudder cables per maintenance manual, replacement due again in 05/2015 or 3403-1, WOF

Signature: *[Signature]*
Daniel L. Grass A/P 561979220
Sierra Mountain Aviation, Inc. 530.273.5273

I certify that the Altitude, Static System, & Altitude Reporting tests required by FAR 91.411, and the Transponder tests required by FAR 91.413 have been performed IAW FAR 43 App E & F.
Altitude(s) tested to 2000 Ft N500DH
IAW FAR 43 App. E on 21 JUN 10
Signed: *[Signature]* Date: 21 JUN 10
Northcoast Services c/s WR3R955L Time: 123.0

Registration N500DH
Make Diamond
Model DA40
Serial # 40.226



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Airframe

Date 03/22/12
TTAF 412.7
Hobbs: 136.2
Work Order 21123

Performed a Annual/100 HR inspection service per SMA checklist
ELT unit tested in accordance with FAR 91.207, (d), due again 03/2013
Installed new ELT remote battery, P.N. 28L, battery expires 03/2021
Inspected engine air filter, no defects noted
Installed 26 new "AA" batteries for emergency power
Installed new "AA" battery in clock
Removed and reinstalled right-hand fuel tank feed line above gear, cleaned and leak checked good
AD# 2011-21-10, To Address Damage around the VCS Compressor Mounting Areas
Complied with by Non-Applicable, aircraft does not have air-conditioning
AD# 2010-13-10, To Prevent Loss of Propeller Pitch Control, Damage to the Propeller Governor
Complied with Non-Applicable S/N 00006 installed
AD# 2009-10-04, The NLG Leg of a DA-40 Aircraft failed in the Area of the Nose Gear Leg Pivot Axle
Complied with by visual inspection per AD instructions, Diamond Aircraft MSB40-046/3, MSBD4-046/3, OK, due again 03/2013 or 612.7 Tach, WOF
I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition
Signature: *[Signature]*
Daniel L. Grass A/P I.A. 3577254
Sierra Mountain Aviation, Inc. 530.273.5273

Aircraft: N500DH

Date: 04 AUG 12

I certify that the altimeter(s) and static system(s) tests required by 14 CFR 91.411 and transponder tests, including data correspondence, required by 91.413 have been performed and found to comply with 14 CFR Part 43, Appendix E and F.
Altitude S/N(s): Left: INSTALLED Right: N/A
Transponder S/N(s): Left: 83709705 Right: N/A
System(s) inspected to 20,000 feet MSL.
Express Avionics work order: 3752

Express Avionics LLC
Phone: 623-687-1805

CRS# XXZR035Y

-1000'	-940'
0'	80'
500'	500'
1000'	1020'
1500'	1520'
2000'	2020'
2500'	2520'
3000'	3020'
3500'	3520'
4000'	4020'
4500'	4520'
5000'	5020'
5500'	5520'
6000'	6020'
6500'	6520'
7000'	7020'
7500'	7520'
8000'	8020'
8500'	8520'
9000'	9020'
9500'	9520'
10000'	10020'
10500'	10520'
11000'	11020'
11500'	11520'
12000'	12020'

Altitude S/N: *[Signature]*
Date: 04 AUG 12
Work Order No: *[Signature]*
Express Avionics LLC
Phone: 623-687-1805



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**
Tach Time: 383.8 Total Time: 383.8
Date: 10/10/2008 Work Order: 13152

Performed a Annual/100 HR inspection per SMA checklist
ELT unit tested in accordance with FAR 97-207, (d), due again 1/2009
Rotated left/right main landing gear tires and repacked all wheel bearings
Retorqued fuel line above right-hand main landing gear
Installed new throttle spring, P.N. R2-063E-12X
Installed two new heating elements in pitot probe, P.N. 13A7026-02 and 13A7025-02
Installed (2) new instrument light dimming knobs, P.N. PKC60B1-4
Installed new fuel pressure switch, P.N. 3010017, ops checked normal
Complied with MSB-40-044/1, by installation of service kit listed in service bulletin
AD# 2007-17-06, A Nose Landing Gear Leg Failed in the Area of the Nose Gear Leg Pivot Axle
Complied with by visual inspection per AD PAR (f) (2) and pr MSB40-046/1, due again 10/2009

I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition

Signature: 

Gerald W. Rose A/P I.A. 567495144
Sierra Mountain Aviation, Inc. 530.273.5273



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**
Tach: Work Order: 13391
Date: 05/05/2009

Reinstalled 530 after repair by Executive Auto Pilot, under W/O 9199
Verified S.N. and reinstalled, P.N. 011-00550-10, S.N. 78405081
Reinstalled 430 after repair by Executive Auto Pilot, under W/O 9199
Verified S.N. and reinstalled, P.N. 011-00280-10, S.N. 97110496
Operationally tested both units on ground, OK

Signature: 

Gerald W. Rose A&P 567495144
Sierra Mountain Aviation, Inc. 530.273.5273



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, Ca 95945

N500DH **Airframe**
Tach Time: 400.9 Total Time: 400.9
Date: 11/02/2009 Work Order: 13581

Performed a Annual/100 HR inspection per SMA checklist
ELT unit tested in accordance with FAR 97-207, (d), installed (8) new Duracell "D" batteries, due again 03/2016
Installed new Concorde battery, P.N. CB24-11M
Rotated right-hand main landing gear tire
Changed emergency "AA" batteries and Davtron "AA" battery
AD# 2009-10-04, Nose Landing gear inspection
AD# 2009-10-04, due at 10/2009 or 583.8 whichever occurs first
Installed new left-hand main landing gear wheel inboard cups and cones, P.N. 13836 and 13889

I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition

Signature: 

Gerald W. Rose A/P I.A. 567495144
Sierra Mountain Aviation, Inc. 530.273.5273

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Sierra Mountain Aviation, Inc.
13308 Nevada City Ave
Grass Valley, CA 95945

N500DH Airframe

Total Time: 411.3 Tach Time: 411.3

Date: 2/04/11 Work Order: 13743

Performed a Annual/100 HR inspection service per SMA checklist

ELT unit tested in accordance with FAR 97-207 (d), batteries due 03/2016

AD# 2010-25-01, To Change the Emergency Open Doors Procedures and Retrofit Passenger door

Complied with per AD and installation of new retaining bracket retrofit kit, P.N. MSB40-070, MSB40-079 and MSBF4-024, no further action required

AD# 2009-10-04, Nose Landing Gear Leg Axel

Complied with per AD instructions Diamond Aircraft MSB40-046/3, MSBD4-046/3, IK, due again 02/2012 or 611.3 Tach WOF

Comply with MSB40-033, Exhaust

Complied with Diamond Service Bulletin, MSB40-033, by PAR 1.8.1, visual inspection, no defects noted at this time, due again 561.3 Tach or each 50 hrs

I certify this aircraft has been inspected in accordance with an Annual/100 HR inspection and was determined to be in airworthy condition

Signature:

Gerald W. Rose A/P I.A. 567495144

Sierra Mountain Aviation, Inc. 530.273.5273

4/15/13 OPAVED ALL INSPECTION PANELS /
REMOVED LANDING GEAR SKIRTS / PROPELLER
SPINNER / DASH BOARD FOR VISUAL INSPECTION
BY DAN GRASS

4/16/13 Replaced ALL INSPECTION PANELS, LANDING
GEAR SKIRTS, PROPELLER SPINNER AND DASH
BOARD COVER

Registration N500DH
Make Diamond
Model DA40
Serial # 40.226



Sierra Mountain Aviation, Inc.
13308 Nevada City Ave, Grass Valley, CA 95945
Engine

Date 05/01/2013
Engine T/T 450.1
SMOH N/A
Tach Time 450.1
Work Order 21372

Performed a Owner Assist Annual inspection service per SMA checklist

Performed compression test on #1 78/80, #2 70/80, #3 77/80, #4 79/80

Retorqued left/right rocker cover screws

Retorqued engine fuel pump hardware

Readjusted #3 injector line

Cleaned, gapped and rotated sparkplugs

AD #2012-19-01 To prevent failure of the crankshaft

N/A by engine serial number

AD #2011-26-04 To prevent failure of the fuel injector lines

Complied with by visual inspection of fuel lines and clamps per MSB # 342F, no defects noted

I certify this engine has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

Signature:

Daniel L. Grass A/P I.A. 3577254

Sierra Mountain Aviation, Inc. 530.273.5273

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD				

Registration N500DH
Make Diamond
Model DA40
Serial # 40.226



Date 05/01/2013
TTAF 450.1
Tach 450.1
Work Order 21372

Performed a Owner Assist Annual inspection per SMA checklist
ELT unit tested in accordance with FAR 91.207, (d) battery expires 03/2016
Readjusted nose steering tension to factory specifications
I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition

Signature: *Daniel L. Grass*
Daniel L. Grass A/P I.A. 3577254
Sierra Mountain Aviation, Inc. 530 273.5273

6-12-14

June 12, 2014

478.8 TT

AD 2009-10-04 Nose land gear C/W by insp. Next due 678.8 TT

234.1 Hobbs

Replaced Concord Battery CB 24-11M

S/N 40317956 OFF- RG24-15M

S/N 40677809 ON.

I inspected the Make / Model ACIK E-01
ELT system in this aircraft according to applicable Aircraft and ELT manufacture's instructions and applicable FAA guidance and found that it meets the requirements of section 91.207 (d).

Battery due MAR 2016
Patrick H. Moore IA 1550834

Certifies to certify that this aircraft and power plant and propeller have been inspected in accordance with an annual inspection and was found airworthy.

Tac 478.8 Total Time Aircraft 478.8

Total Time Power Plant 478.8

Total Time Propeller 478.8

Power Plant Time Since Major Overhaul 478.8

Propeller Time Since Overhaul 478.8

Ad Check to 2014-11

Patrick H. Moore IA 1550834

Patrick H. Moore

7-1-15

I inspected the Make / Model ACK E-01
ELT system in this aircraft according to applicable Aircraft and manufacture's instructions and applicable FAA guidance and found that it meets the requirements of section 91.207 (d).

Battery due 9-19
Patrick H. Moore IA 1550834

ENGINEERING RECORD

7

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
---	-----------	-------------------

July 1, 2015 490.7 TT
AD 2009-10-04 C/W nose landing gear leg by insp.
Next due 690.7 TT
Replaced 28 AA Batteries for emergency power
Replaced ELT batteries

This is to certify that this aircraft and power plant and propeller have been inspected in accordance with an annual inspection and was found airworthy.

Tac. 253.1 Total Time Aircraft 490.7
Total Time Power Plant 490.7
Total Time Propeller 490.7
Power Plant Time Since Major Overhaul 490.7
Propeller Time Since Overhaul 490.7
Ad Check to 6-30-15
Patrick H. Moore IA 1550834

Patrick H. Moore

Granite Mountain Aviation, L.L.C
6543 Crystal Lane
Prescott, Arizona 86301
928-443-8509

Date: 11-24-15

Tach Time: 507.20

Total Time: 507.20

SMOH: N/A

Cleaned left and right brake wheel cylinder pins and mounting plate holes.
Cleaned and resealed left and right brake wheel cylinders. Replaced all brake
linings and bled brakes. Reinstalled right wheel pant nutplate in axle nut.

William D. Broome
A&P3815339

William D. Broome

December 2, 2015

509.8 Total Time

Replaced N.L.G. damper assy. P/N D41-3223-20-00-1
Revision; B. Lubed AFT fuselage elev. cable micarta plate.
Re-torqued N.L.G. wheel directional pressure

Patrick H. Moore
1550834

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION

DATE

DAILY
TOTAL

TOTAL AIR
TIME SINCE
MFG.

HRS.

MIN.

HRS.

MIN.

The Altimeter, Automatic Pressure Altitude Reporting, and Static System tests and inspections required by FAR 91.411(a)(1) have been performed and found to comply with FAR Part 43, Appendix E. Altimeter(s) tested to 20 000 feet.

Pilot Altim S/N 425588 Copilot Altim S/N ~

Aircraft Make Diamond Model DA40 Reg N500DH

Date 3-16-16 WO No 32677 Sig Don Dark CRS VT3R931L

Gibbs Service Center Inc. 8906 Aero Drive San Diego CA 92123

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 No 1 S/N 83709705

Transponder No 2 S/N ~

Aircraft Make Diamond Model DA40 Reg N500DH

Date 3-16-16 WO No 32677 Sig Don Dark CRS VT3R931L

Gibbs Service Center Inc. 8906 Aero Drive San Diego CA 92123

ACFT Model: Diamond DA 40

Serial No.: 40.226

Reg. No.: N555DH

Tach. Time: 555.3

GIBBS SERVICE CENTER

Montgomery Field, San Diego, CA 92123

FAA Approved Repair Station VT3R931L

Hobbs: N/A

Date: 6-9-2016

W.O. No.: 16-146

Airframe: 555.3

Annual inspection completed per the DA 40 AMM, document 6.02.01, rev.7. C/W 100hr drain hole inspection. Shimmied alternate air inner sleeve valve to prevent wear. Set cable tension on rudder control cables, saftied turnbuckles. Replaced flap up light. Secured both flap seals and access openings under backseat. Secured canopy seal. Resealed wire passthrough tube under pilot's seat. Installed new brake discs on both wheels. Packed all wheel bearings. C/W Slick Start modification per Slick SB1-08. Functional check OK. C/W FAR 91-207(d), ELT inspection and functional checks. Next due 6-2017. ELT battery due 9-2019. C/W AD2009-10-04 NLG strut inspection per MSB40-046/3. No defects noted. Next due 755.3 or 6-2017, whichever is later. AD notes checked and are current 6-9-2016. ATP Navigator Content Revision: 5-27-2016.

The aircraft and/or component identified above repaired/replaced and inspected in accordance with current federal aviation regulations and was found airworthy for return to service. Pertinent details of the repair/replacement are on file at this agency under Order No. 16-146

Date: 6-9-2016

Signed:

[Signature]

Jeff Runyon



March 13, 2017 611.8 Total Time
AD 2009-10-04 C/W nose landing gear by dye check
Next due 711.8 total time.
Replaced L.M. tire & tube Goodyear P/N 606CG1B1,
S/N 51605802 Tire, Dresser tube P/N GL-6020B

I inspected the Make / Model ACE-01

ELT system in this aircraft according to applicable Aircraft and manufacturer's instructions and applicable FAA guidance and it that it meets the requirements of section 91.207 (d).

Battery due 9-19

Patrick H. Moore IA 1550834

CARRIED FORWARD

ENGINEERING RECORD

8

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

3-11-17

This is to certify that this aircraft and power plant and propeller have been inspected in accordance with an annual inspection and was found airworthy.

TAC 611.8 Total Time Aircraft 611.8Total Time Power Plant 611.8Total Time Propeller 611.8Power Plant Time Since Major Overhaul 611.8Propeller Time Since Overhaul 611.8 133.8Ad Check to 3-13-17

Patrick H. Moore IA 1550834

Patrick H. Moore

March 14, 2018

641.8 Total Time

AD 2009-10-04 C/W nose landing gear by inspection

Next due 741.8.

Replaced emergency power supply batteries.

I inspected the Make / Model

ACK E-01

ELT system in this aircraft according to applicable Aircraft and ELT manufacture's instructions and applicable FAA guidance and found that it meets the requirements of section 91.207 (d).

Battery due

Sept 2019

Patrick H. Moore IA 1550834

This is to certify that this aircraft and power plant and propeller have been inspected in accordance with an annual inspection and was found airworthy.

TAC 641.8 Total Time Aircraft 641.8Total Time Power Plant 641.8Total Time Propeller 641.8Power Plant Time Since Major Overhaul 641.8Propeller Time Since Overhaul 641.8 163.8Ad Check to 2018-4

Patrick H. Moore IA 1550834

Patrick H. Moore

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					<p>ENGINEERING RECORD</p> <p>Total Time 668.9</p> <p>March 26, 2019 N500DH</p> <p>AD 2007-17-06 C/W Nose landing gear leg failure Next due 3/31/20 or 868.9 Total Time. Replaced Emergency power batteries, Replaced ELT batteries expire 10/23.</p> <p>Inspected the Make / Model <u>ACK E-01</u> ELT system in this aircraft according to applicable Aircraft and manufacturer's instructions and applicable FAA guidance and that it meets the requirements of section 91.207 (c). Battery due <u>10-2023</u> Patrick H. Moore IA 1550834</p> <p>This is to certify that this aircraft and power plant and propeller have been inspected in accordance with an annual inspection and was found airworthy. Tach <u>668.9</u> Total Time Aircraft <u>668.9</u> Total Time Power Plant <u>668.9</u> Total Time Propeller <u>668.9</u> Power Plant Time Since Major Overhaul <u>668.9 hr.</u> Propeller Time Since Overhaul <u>668.9 206.9</u> AD Check to <u>2019-6</u> Patrick H. Moore IA 1550834</p> <p><i>Patrick H. Moore</i></p> <p>5-31-19 Tach <u>674.6</u> Replace Fuel Flow Transducer P/N 3010032 SN 122837 SN on 60208. Check for leaks. OK. ok. W.A. Surfass AGP523548359</p> <p>6-28-19 CHANGED H NUMBER TO N2287A</p>
					CARRIED FORWARD

ENGINEERING RECORD

9

N# 2287A

Date

I CERTIFY THAT THE TRANSPONDER TEST PER CFR 91.413, I.A.W CFR 43 APPENDIX F. HAS BEEN COMPLETED.

FILED UNDER W/O 2019.7.11.8

INSPECTOR

REPAIR STATION 12KR160C 928-978-0745

AV8TOR AVIONICS Form AA10, Rev. 1, 9/17/2018

NO TIME COLUMNS.

SIGNATURE

LICENCE NUMBER



Date: 1/14/20 N2287A S/N: 40.326
Total Time: 696.4 Hobbs: 511.8

French Field Aviation Inc.
38500 French Field Way
Crowford, CO 81415
970.424.2810

1. STC #SA02573SE installed GDL82. See Form 337 this date.
2. Installed TrueBlue TA102 USB charging port on instrument panel.
3. Replaced GN5430 internal battery.
4. Removed and reinstalled turn coordinator after overhaul by Berkshire Instrument CRS #VV5R289N.

Authorized Signature

David Seastead

AP3492477 IA

4/22/2020 This aircraft has been inspected and found safe for intended flight
D.A. Surpren AvP523548359

5-3-20 TACH 703. HRS ANNUAL INSPECTION COMPLETED USING DIAMOND CHECK LIST. REMOVED ALL WHEELS & TIRES, BRAKES CLEANED & PACKED BEARINGS, SERVICED 5606 OIL E.L.T. CHECKED GOOD, ALL LIGHTS CHECKED GOOD, SERVICED FUEL PUMP & LOCKED WIRE, C/W AD 2009-10-04 NLSB FOR CRACKS, C/W 2015-19-07 INTERCOM, C/W 93-05.06 TO BE OK. & 2000 HRS; 2004-10-14C N/A NO GOOD STRIKE.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A AIRWAC INSPECTION AND DETERMINED AIRWORTHY.

James Santos AFD 1582995

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Precision Static Testing Livermore, CA
 FAA Certified Repair Station #QJAR856X
 PHONE: (925) 449-5904 FAX (925) 449-6081

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 20,000 feet. Time: 612.4
 W/O# 19152 N 2287A
 Inspected by [Signature] Date 4/6/2021

06-01-2021			796	9	c/w Scope & Detail of Part 43 App. D for Annual Insp. lubed moving control surfaces, rod end bearings, pulleys, checked brakes, wheel bearings & tires. FAR 91.207 DELT ops & Visual inspection No defects found. EIT# Expire 3/2028 AD 93-05 -06 ACS ignition switch Due 2000+Tch. 4W AB20 10-04 in/fc Nose Landing Gear Due Next 998.9 tach Defects Found. I certify that this Aircraft has been inspected IAW an Annual inspection and is in Airworthy Condition. 66 with App 3233776 I.A.
07-14-2021			918	8	installed new tires on main landing gear IAW S/m instructions brake pads are in good condition. Ops ok. No defects found. in Appen A-P 3233776.
07-30-2022			894	0	c/w Scope & Detail of Part 43 APP. D lubed All controls, flight controls, pulleys, checked brakes, pads, fluid levels, FAR 91.207 by visual ops ok no defects found. EIT# AB20 3/28, I certify that this Aircraft has been insp. IAW an Annual insp. and is in Airworthy Condition. 66 with App 3233776 I.A.

AD 93-05-01 Next Due 2000.0 Tach

AD 2009-10-04 Next Due 998.9 Tach

CARRIED FORWARD

ENGINEERING RECORD

10

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

Precision Static Testing Livermore, CA
FAA Certified Repair Station #QJAR856X
PHONE: (925) 449-5904

I certify that the altimeter(s) and static system(s) tests required by 14 CFR § 91.411 and transponder tests as required by § 91.413, including data correspondence, required by § 91.217, have been performed and found to comply with 14 CFR Part 43, Appendix E and F.

Tested to 20k feet. Time: 806.6
W/O# 22726 N 2287A
Inspected by [Signature] Date 4/6/23

Test Altitude	Scale Error	Friction Error	Encoder	Leak Act/Case	Hysteresis		
					% Altitude Tested	Altitude Tested	Amount Hysteresis
-1000	0		-1.2	84e+1000			
0	-12		0				
500	-12		1.5				
1000	-12	20	1.2		50%	10h	+20
1500	0		1.5		40%	8h	+10
2000	-12	20	2.1				
3000	0	20	2.2				
4000	-20		4.1		After Effect	0	Check Pitot Heat <input type="checkbox"/>
5000	-20		3.0		Baro. Scale Error (± 25 ft.)		
6000	-20		6.2		28.10	-1727	✓
8000	-20		8.2		28.50	-1340	✓
10000	-40	30	10.2		29.00	-863	✓
12000	-50		11.0		29.50	-392	✓
14000	-40		14.1		29.92	0	✓
15000	-40	20	15.0		30.50	+531	✓
16000	-20		16.1		30.90	+893	✓
18000	-20		18.1		30.99	+974	✓
20000	-10	20	20.2		Aircraft # <u>N 2287A</u>		
22000					Date Tested: <u>4/6/23</u>		
25000					Technician: <u>[Signature]</u>		
30000					Inspector: <u>[Signature]</u>		
35000							
40000							
45000							
50000							

Tested in compliance with Appendix E, Part 43, F.A.R 91.411
Tested to: 20k ft. W.O. #: 22727

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY

Form 1A

A12 / 108 Jan 2007

8-1-2023 901.5 TACH + total time.

C/w Scope + Detail of Part 43 App D Annual inspection
labeled Controls +, valves, hinges. removed Covers, Cowling.
inspected, brakes, fluids levels, Changed 4H main tire tube.

changed batteries in ELT, ELT Remote, + Emergency ^{AI} power

I certify that this Aircraft has been inspected IAW
an Annual inspection and is in Airworthy Condition.

Ea Agler A+D 3233776 IA.

Savage Aviation, LLC

20511 Skywest DR

Date

Airframe

Hayward CA 94541 01/02/2024

N2287A Make: Diamond Model: DA40-180 S/N: 40.226 TT: 901.6

Removed and replaced back up battery pack cells with new P/N Duracell AA X24. Battery replacement next due 1/2026. Removed cleaned and regaped spark plugs, reinstalled using new gaskets. Removed and replaced induction air filter with new P/N FR-08504, replaced various scat hoses in engine compartment.

C/W AD 09/10/04 (nose gear leg cracks) by visual and dye penetrant inspection. Inspection next Due 12 month or 200H whichever occurs later.

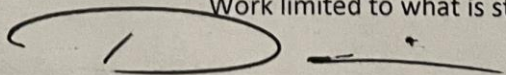
C/W AD 14/13/08 (aft cabin area wing spar reinforcement) IAW Diamond WI-MSB-F4-028 and DA40 MM as terminating action no further inspection required.

C/W AD 09/02/03 (fuel servo plug gasket) by replacement with P/N 2577258 gasket as terminating action no further inspection required.

C/W AD 15/19/07 (fuel injector line) by inspection in accordance with SB 342G replaced 1 clamp no other discrepancies noted. Inspection next due Tach 1011.6

Work performed in accordance with applicable maintenance manuals. Operations and/or leak check performed for work performed.


Work limited to what is stated above



Daniel Umanzor AP3776498

BROUGHT
FORWARD

Model: DA40
S/N: 40.226
Reg. No: N2287A



CORPORATE
FLIGHT MANAGEMENT

Airframe

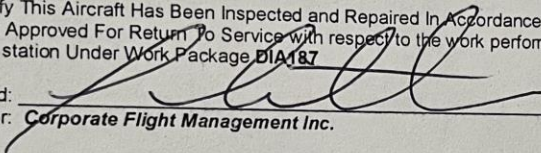
693Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Date: 02/16/2024
Tach: 927.0

Maintenance Accomplished:

- Complied with Tire pressure servicing set to recommended placard psi. All Tire pressures are good at this time. REF. DA40 AMM 12-10-00.


I Certify This Aircraft Has Been Inspected and Repaired In Accordance With current Diamond aircraft maintenance manuals and Is Approved For Return To Service with respect to the work performed. Pertinent details of the work performed are on file at this repair station Under Work Package DIA187

Signed: 
For: Corporate Flight Management Inc.

Certified Repair Station No FJTR920D

Form CFM 023

Model: DA40
S/N: 40.226
Reg. No: N2287A



CORPORATE
FLIGHT MANAGEMENT

Airframe

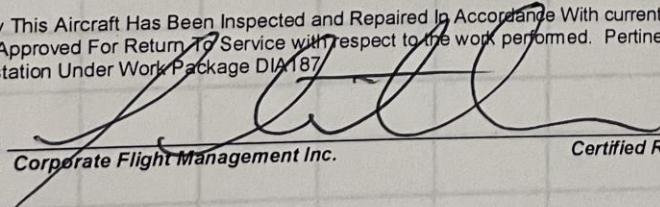
693Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Date: 02/27/2024
Hobbs: 927.0

Maintenance Accomplished:

- Complied with Tire pressure servicing set to recommended placard psi. All Tire pressures are good at this time. REF. DA40 AMM 12-10-00.
- Sent GNS530 comm/Nav unit to Garmin for repair, p/n 011-00550-10 s/n 78405081, Received repaired unit from Garmin, reinstalled same s/n and p/n. ops checked good at this time. ref Garmin GNS530 MM 190-00181-05

I Certify This Aircraft Has Been Inspected and Repaired In Accordance With current Diamond aircraft maintenance manuals and Is Approved For Return To Service with respect to the work performed. Pertinent details of the work performed are on file at this repair station Under Work Package DIA187

Signed: 
For: Corporate Flight Management Inc.

Certified Repair Station No FJTR920D

Form CFM 023

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD

Model: DA40
S/N: 40 226
Reg. No: N2287A



CORPORATE
FLIGHT MANAGEMENT

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Airframe

Date: 02/16/2024

Tach: 927.0

Maintenance Accomplished:
-- Complied with Tire pressure servicing set to recommended placard psi. All Tire pressures are good at this time. REF. DA40 AMM 12-10-00.

I Certify This Aircraft Has Been Inspected and Repaired in Accordance With current Diamond aircraft maintenance manuals and is Approved For Return to Service with respect to the work performed. Pertinent details of the work performed are on file at this repair station Under Work Package D14187

Signed:
For: Corporate Flight Management Inc.

Certified Repair Station No FJTR920D

Form CFM 023

Model: DA40
S/N: 40 226
Reg. No: N2287A



CORPORATE
FLIGHT MANAGEMENT

693 Fitzhugh Blvd.
Smyrna, TN 37167
615.534.4600

Airframe

Date: 02/27/2024

Hobbs: 927.0

Maintenance Accomplished:
-- Complied with Tire pressure servicing set to recommended placard psi. All Tire pressures are good at this time. REF. DA40 AMM 12-10-00.
-- Sent GNS530 comm/Nav unit to Garmin for repair, p/n 011-00550-10 s/n 78405081, Received repaired unit from Garmin, reinstalled same s/n and p/n. ops checked good at this time. ref Garmin GNS530 MM 190-00181-05

I Certify This Aircraft Has Been Inspected and Repaired in Accordance With current Diamond aircraft maintenance manuals and is Approved For Return to Service with respect to the work performed. Pertinent details of the work performed are on file at this repair station Under Work Package D14187

Signed:
For: Corporate Flight Management Inc.

Certified Repair Station No FJTR920D

Form CFM 023

Wingnuts Aviation, LLC Mailing Address: 197 Bagwell Road, Clarksville, TN 37043 Facility Address: 4428 Airport Road, Springfield, TN 37172 615-584-3200

N2287A

Diamond, DA 40, S/N: 40.226

August 27, 2024

TACH: 969.3

AFTT: 969.3

1. Complied with an Annual Inspection in accordance with our Checklist encompassing the scope and detail of 14CFR (FAR) 43 appendix D with reference to Diamond Model DA40 Maintenance Manual and all applicable ICA's.
2. Tested ELT IAW FAR 91.207(d). Batteries expire March 2028.
3. Researched AD's through bi-weekly 2024-16 and found to be in compliance.
4. Removed, cleaned, oiled and reinstalled induction air filter.
5. Propeller removed and sent for inspection and repair. Reinstalled after repair from Sensenich Propeller Service, WO G31681.

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

Kyle LaMontagne AP / IA 3689107

CARRIED FORWARD

11

Airframe - page 1 of 2

LICENCE
NUMBER

December 02, 2024

AFTT: 1068.9

- I certify that this Aircraft has been inspected in accordance with a 100hr Inspection and was determined to be in airworthy condition. Functions check satisfactory.

Chris Ferraraccio AP / IA 2792477

Receve

93 Fitzhugh Blvd.
myrna, TN 37167
615.534.4600

Ops and leak check g
current aircraft manuals
med are on file at this

ue Angel Way
rna, TN 37167

stem Ground Checks pro

	S/N 427858
--	------------

S/N:83709

ir Station # 6A52818B

Altimeter Scale Correction Card

Altimeter S/N: 427856

Add Algebraically	Add Algebraically
<u>Room Temp</u>	<u>Room Temp</u>

-1000	-995	14000	13940
0	50	16000	16950
500	505	18000	17960
1000	1005	20000	19975
2000	2000	22000	
3000	3060	25000	
4000	4000	30000	
6000	5990	35000	
8000	7970	40000	
10000	9955	45000	
12000	11950	50000	

Tested by: David Date: 04/08/2025

Scale corrections shown on this card are the scale errors with the sign reversed. Only those scale errors determined using a master altimeter traceable to an accurate mercurial barometer at the time the altimeter is calibrated for acceptance will be used in determining scale corrections for entry on this card.

This completed scale corrections card will be attached to the altimeter when it is not installed in the airplane.

☐ FAA CRS # 6A5R818B (SFR)
☒ FAA CRS # 6A52818B (MCY)

Dated: 10/09/2020

AMI-0027, Rev 1

Form 1A

PILOT / FIRST OFFICER / STAND-BY

ACQ / 08 Jan 2007

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD

Volar LLC, 750 Franklin Road, Lebanon, TN 37087
Aircraft Registration: N2287A Aircraft Serial Number: 40.226
AFTT: 1168.2 TACH: 1168.2 HOBBS: 1562.5



- 1) Complied with Annual Inspection under the guidelines of Diamond DA 40 Series Maintenance Manual.
- 2) Researched AD's through bi-weekly 2025-08.
- 3) Completed the following AD's by visual inspection and found to be good:
AIRFRAME: 24-19-08
- 4) Tested ELT under the guidelines of FAR 91.207(d). Batteries Expire March 2028.
- 5) Removed, inspected & repacked wheel bearings.
- 5) Cleaned and inspected the gascolator.
- 6) Lubricated Engine controls & airframe.

I certify that the Aircraft identified above has been inspected in accordance with an Annual Inspection as required by 14 CFR Part 43 Appendix D and was determined to be in an airworthy condition. All required maintenance has been performed per the manufacturer's maintenance manuals, Airworthiness Directives (ADs), and FAA-approved data as applicable. All applicable ADs have been complied with at this time, and a list of ADs and their status has been provided to be retained with the maintenance records.

The Aircraft, Engine or Component identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is Approved for Return to Service.

Authorized Person Returning Aircraft to Service: Lawton Matthew Johns A&P/IA (3795040)

Signature: [Signature]

Pertinent details of the repair are on file at Volar LLC under Work Order No: 87A-042325

Date of Return to Service: 5/1/25

Volar LLC, 750 Franklin Road, Lebanon, TN 37087
Aircraft Registration: N2287A Aircraft Serial Number: 40.226
AFTT: 1168.2 TACH: 1168.2 HOBBS: 1562.5



- 1) All 8 spark plugs replaced
- 2) Replaced left main tire
- 3) Replaced Cabin Vent SCAT tube on engine side of firewall
- 4) Tightened and safety wired oil filler tube.

The Aircraft, Engine or Component identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is Approved for Return to Service.

Authorized Person Returning Aircraft to Service: Joshua Sarrels A&P (5055620)

Signature: [Signature]

Pertinent details of the repair are on file at Volar LLC under Work Order No: 87A-042325

Date of Return to Service: 5/1/25

13 June 25
Tach: 1195.3
Hobbs: 1600.1
AFTT: 1195.3

Diamond DA40 SN: 40.226 N2286A
- Replaced bad fuel boost pump p/n 5100-00-9 SN: 53118 with overhaul
pump P/N: 5100-00-9 SN: 4223. Overhaul by CJ Aviation Products, LLC
(Approved/Conducted No: YRG RT15L), Work order No. RS147. All maintenance performed per
Reference to Diamond Aircraft DA40 Series AM.
Wesley C Shee-maher A&P C-61817-60000
170/022 Wesley Shee-maher

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

wo: 25-1190

Airframe page 1 of 1

Wingnuts Aviation, LLC - Mailing Address: 197 Bagwell Road, Clarksville, TN 37043 - Facility Address: 4428
Airport Road, Springfield, TN 37172 - 615-384-3200

N2287A

Diamond, DA 40, S/N: 40.226

July 23, 2025

TACH: 1218.4

AFTT: 1218.4

Removed prop and sent out for overhaul. Re-installed same prop after IRAN from Sensenich Propeller Service, inc. See W/O: G32898, Form Tracking #: 25-0511. Installed P/N P-IRAN - Propeller
IRAN S/N: L-30387-51A.

Functions check satisfactory.

Aaron Fowler AP 4462170

N2287A

Diamond: DA40, S/N: 40.226

29 July 2025

TACH: 1224.1, ACFT TTSN: 1224.1, Hobbs: 1402.5

Landing light does not illuminate when switched on. Replaced
landing light with new Whelen Aerospace Technologies (WAT)
part number 01-0770346-03, s/n: 1149937; op check ok, no
faults noted. All maintenance performed with reference to
DA40 Series Aircraft Maintenance Manual and AC 43.13-1B.
Wesley Shoemaker A&P 4704022



Going your way every day since 1957
Aircraft Logbook Entry

Date: 8-12-2025

Aircraft: N2287A

SN: 40.226

TSMOH:

Cycle:

Tach: 1242.9

Replaced right main tire with new p/n 072-314-0 and new tube p/n XA1AD. Operational check good.

A&P32964741A

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

AIR TIME AND

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETION

DATE	DAILY AIR TIME TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.

Airframe page 1 of 1

BROUGHT FORWARD

wo: 25-1262

Wingnuts Aviation, LLC - Mailing Address, 197 Bagwell Road, Clarksville, TN 37043 - Facility Address, 4428 Airport Road, Springfield, TN 37172 - 615-384-3200

October 15, 2025

N2287A

AFTT: 1218.4

TACH: 1218.4

Tested ELT IAW FAR 91.207(d). Batteries expire March 2026.

Functions check satisfactory.

Chris Ferraraccio AP / IA 2792477

Airframe - page 1 of 1

wo: 25-1252

Wingnuts Aviation, LLC - Mailing Address, 197 Bagwell Road, Clarksville, TN 37043 - Facility Address, 4428 Airport Road, Springfield, TN 37172 - 615-384-3200

October 16, 2025

N2287A

AFTT: 1458.8

TACH: 1458.8

Removed wing in the field after an off airport landing. Absolutely no damage was done to the aircraft. Reassembled aircraft and check flight control functions. Installed (3 meter) P/N DAI-9057-00-01 - Seal; Wing Root.

Functions check satisfactory.

David Bliss AP / IA 3456094

Airframe - page 1 of 1

wo: 25-1288

Wingnuts Aviation, LLC - Mailing Address, 197 Bagwell Road, Clarksville, TN 37043 - Facility Address, 4428 Airport Road, Springfield, TN 37172 - 615-384-3200

N2287A

Diamond, DA 40, S/N: 40.226

October 21, 2025

TACH: 1458.8

AFTT: 1458.8

Replaced oil temperature sensor. Installed P/N 3010021 - Sensor; Oil Temperature.

Functions check satisfactory.

David Bliss AP / IA 3456094

INSPECTION, REPAIRS & REPLACEMENT

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

SIGNATURE

LICENCE
NUMBER

N2287A

Diamond: DA40, S/N: 40.226

31 October 2025

TACH: 1265.3, ACFT TTSN: 1265.3, Hobbs: 1460.9

Performed a 100-hour inspection with reference to 14 CFR FAR part 43 Appx D.

- Researched and complied with all Diamond DA40 and bi-weekly ADs, 2025-21.
- Complied with ADs 2022-13-06 (MSB 40-093), 2007-11-21 (MSB 40-030/3) and all recurring AD Nos. 2007-11-21, 2024-19-08, next due at 1396.5 tach time.
- Tested ELT with reference to 14CFR FAR 91.207(d), MOC OK; ELT battery replacement due March 2028.
- Removed, cleaned and inspected NLG fork and wheel bearings, packed wheel bearings with Mobile grease-28, reassembled then reinstalled NLG fork and wheel, and serviced tire to 29psi.
- Inspected NLG elastomer pack, no faults noted.
- Removed, cleaned, inspected, and packed MLG bearings with Mobile grease-2, reinstalled and serviced both tires to 36psi.
- Adhered L/H MLG brake line clamp to MLG strut.
- Serviced brake reservoir with MIL-PRF-5606.
- Inspected fuel tanks, lines, and cleaned fuel bowl and screen.
- Cleaned and inspected battery box, service battery cells (12ea) with distilled water, cleaned, charged, and tested voltage at

25.72vdc.

- OAT/clock battery tested at 1.48vdc.
- Adjusted landing light direction.
- Removed MLG wheel pants, L/H and R/H wheels; weight and balance update not required, mass and lever arm negligible per POH.
- Confirmed rudder cable tension, no faults noted.
- L/R pax seat belt backwards, removed, inspected and installed.
- Inspected, cleaned, lubricated flight controls, rods, pivot pins and bearings, hinges, S-tubes, and cable eyes.
- Adhered flaps torsion tube weather seals, LH and RH, interior side, to the fuselage.
- Sealed small hole L/H wing leading edge wire conduit seal, interior side, no faults noted.
- All maintenance performed with reference to DA40 Series Aircraft Maintenance Manual (AMM) and AC 43.13-B.

I certify this aircraft has been inspected with reference to a 100-hour inspection and was found to be in an airworthy condition.

Wesley Shoemaker A&P 4704022

