

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

CALIBRATION CARD ALTIMETER			
P/N: 5934PD-3		C/N: A.250	S/N: 524374
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-1015	14,000	13950
0	-10	16,000	15940
500	495	18,000	17940
1,000	1000	20,000	19950
1,500	1495	22,000	
2,000	2005	25,000	
3,000	3000	30,000	
4,000	3995	35,000	
6,000	5990	40,000	
8,000	7990	45,000	
10,000	9980	50,000	
12,000	11960		

Date: 05/02/2024
Tested By: 
Inspected By: 

Diamond Aircraft Industries
Reference QP-05-08-113

AIRCRAFT

1. Nationality and Registration:
N741LA
2. Manufacturer's designation:
DA 40 NG
3. Manufacturer's Serial Number:
40.NC319
4. Type Approval or Specification Number:
A47CE
5. Date of Manufacture:
2024
6. Aircraft Inspections cycle:



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

Registration: N741LA
AC Serial Number: 40.NC319
Engine Serial Number: E4-A-06858
Prop Serial Number: 240264
Airframe Total Time: 3.5 HRS

- Total Time Airframe Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.2 HRS
- Compass Swing Performed:

FOR	N	30	60	E	120	150
STEER	001	032	061	091	122	151
FOR	S	210	240	W	300	330
STEER	179	208	237	268	299	329
- Date: JUNE 05 2024
Next Due: JUNE 2025
- Static Pressure system and Primary Altimeter (G1000) have been inspected and tested in accordance with CAR Standard 571, Appendix B and 14 CFR 91.411:
 - Test Date: MAY 22 2024
 - Next Due: MAY 2026
- Stand By Altimeter:
 - Factory Test Date: MAY 02 2024
 - Next Due: MAY 2026
- ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, Appendix F and 14 CFR 91.217: & 91.413:
 - Test Date: MAY 22 2024
 - Next Due: MAY 2026
 - Programmed Registration: N741LA
 - Hex Code: N/A (U.S. Registration)
- The ELT was tested and inspected in accordance with CAR Standard 571, Appendix G and 14 CFR 91.207(d):
 - Manufacturers Cert. date: 05/ 24 (WWW/YY)
 - Installation Inspected: JUNE 11 2024
 - Battery due: FEBRUARY 2030
 - Next ELT inspection due: JUNE 2025
 - ELT Programmed:
 - REG: N741LA
 - HEX: N/A
 - Country: 366 (USA)
 - Beacon ID: ADC6499C29DA781
- Emergency Battery Pack: Replacement Due Date: MAY 2026
- Garmin G1000 NXi Installation:
 - Software System: 1669.12
 - Checklist File: N/A
 - Basemap Land 5.20
 - SafeTaxi Data: 11-JUL-2024
 - Terrain Data: 3.00
 - Obstacle Data: Expires 11-JUL-2024
 - Navigation Data: Expires 11-JUL-2024
 - Apt Directory: Expires 11-JUL-2024
 - ChartView Data: N/A
 - FliteCharts Data: Expires 11-JUL-2024
 - IFR/VFR charts: Date: 13-JUN-2024

DA Q 8
Inspector

JUL 03 2024
Date

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

Registration: N741LA
AC Serial Number: 40.NC319
Engine Serial Number: E4-A-06858
Prop Serial Number: 240264
Airframe Total Time: 3.5 HRS

- Following limitations as per DA 40 AMM Chapter 4 (subject to change with revision):

Component	Hours	Years	Next Due:
Essential Bus	1000	-N/A-	1000 hrs
Pitot-Static System	1000	2	1000 hrs or MAY 2026
Bonding System	1000	4 yrs. +/- 60 days	1000 hrs or MAY 2028
Emergency Battery Pack	-N/A-	2	MAY 2026
ECU Backup Battery	-N/A-	1	MAY 2025

- The following STC's are incorporated:
 - FAA STC No. SA03366NY (Beringer wheel and brake system)
- THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS).
- I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO FAA TYPE CERTIFICATE A47CE Rev No. 17, AND IS IN A FIT AND SAFE STATE FOR FLIGHT.
- Bi-weekly AWD check carried out to current revision 2024-13 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.
- For the latest and most applicable maintenance requirements, please refer to the Diamond Aircraft Maintenance Manual (AMM)

DA Q 8
Inspector

JUL 03 2024
Date

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U.S. Standard Airworthiness Certificate, issued:
(Date) JUL 10 2024, has been installed in the
Aircraft on behalf of FAA Farmingdale/Saddle Brook MIDO
Section AIR-8A5 on:

(Date) JUL 10 2024

(Print) Lorenz Bessant (Signature)

