

AIRCRAFT
SN:
44-1234

AIRCRAFT TECHNICAL RECORD

N741CD

REGISTRATION

*Aero*TRANSPORT[®] Logbooks
www.aertransport.com

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

CALIBRATION CARD ALTIMETER

P/N: 5934PD-3	C/N: A.130	S/N: 519841	
Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp	Standard Alt (Ft)	Alt Reading (Ft) @ Room Temp
-1,000	-5	14,000	0
0	0	16,000	+15
500	-5	18,000	+30
1,000	+10	20,000	+55
1,500	0	22,000	
2,000	+10	25,000	
3,000	+10	30,000	
4,000	+5	35,000	
6,000	-5	40,000	
8,000	-10	45,000	
10,000	-10	50,000	
12,000	-10		

Date: 2-9-2021 Tested By: 4 Inspected By: JH



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

Registration: N741CD
AC Serial Number: 40.1230
Engine Serial Number: L-38392-51E
Prop Serial Number: NS5109B
Airframe Total Time: 4.7 HRS

- Total Time Airframe Brought forward from Flight Test Journey Log (DAI - Form Q-157) : 4.7 HRS
- Compass Swing Performed:

- Date: AUGUST 05 2021
- Next Due: AUGUST 2022

FOR	N	30	60	E	120	150
STEER	001	030	059	088	117	150
FOR	S	210	240	W	300	330
STEER	181	212	241	270	301	330

- 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 19 2021
 - Next Due: MAY 2023
- Stand By Altimeter:
 - Factory Test Date: FEBRUARY 09 2021
 - Next Due: FEBRUARY 2023
- 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 20 2021
 - Next Due: MAY 2023
 - Programmed Registration: N741CD
 - 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: 03/21
 - Installation Inspected: AUGUST 10 2021
 - Battery due: APRIL 2028
 - Next ELT inspection due: AUGUST 10 2021
 - ELT Programmed:
 - REG: N741CD
 - HEX: N/A
 - Country: 366 (USA)
 - Beacon ID: ADC6499C29DBB21

- Emergency Battery Pack : Replacement Due Date : APRIL 2023

- Garmin G1000 NXi Installation:
 - Software System: 3462.01
 - Checklist File: N/A
 - Basemap Land 5.19
 - SafeTaxi Data: 7-OCT-2021
 - Terrain Data: 3.00
 - Obstacle Data: Expires 07-OCT-2021
 - Navigation Data: Expires 9-SEP-2021
 - Apt Directory: Expires 7-OCT-2021
 - FliteCharts Data: Expires 9-SEP-2021
 - IFR/VFR charts: 15-JUL-2021

 **DA Q 8**
Inspector

AUG 12 2021
date



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

Registration: N741CD
 AC Serial Number: 40.1230
 Engine Serial Number: L-38392-51E
 Prop Serial Number: NS5109B
 Airframe Total Time: 4.7 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 2023
Bonding System	1000	-N/A-	1000 hrs
Emergency Battery	-N/A-	2	APRIL 2023

- The following STC's are incorporated:
 - o FAA STC No. SA01918LA (AmSafe Inflatable Restraint System)
 - o FAA STC No. SA03281AT (Power Flow Systems Inc. Tuned Exhaust System)
 - o FAA STC No. SA02476CH-D (Hartzell Propeller Model No. HC-C2YR-1BFP/F7497)
 - o FAA STC No. SE03232CH (Tanis Pre Heater System)
 - o FAA STC No. SA03674AT (Air Conditioning Installation)
- 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 2021-16 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

 **DA Q 8**

Inspector

AUG 12 2021

date

(Intentionally left blank below this point)

U.S. Standard Airworthiness Certificate, issued:

(Date) AUG 19 2021, has been installed in the Aircraft on behalf of FAA Farmingdale/Saddle Brook MIDO Section AIR-8A5 on:

(Date) AUG 19 2021

(Print) L. BEIER (Signature)



Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



Registration: N741CD
 Engine Serial Number: L-38392-51E
 Airframe Total Time: 4.7 HRS

DIAMOND AIRCRAFT IND.
 D.O.T. APPROVED MAINTENANCE ORGANIZATION 161-93

AC Serial Number: 40.1230
 Prop Serial Number: NS5109B
 Work Order: SO073201

Maintenance Performed:

- Stripe package installed on aircraft
- Negligible effect on weight and balance of rudder following stripe installation.

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness



Date: **AUG 20 2021**

MAKE: Diamond
 MODEL: DA 40
 S/N: 40.1230
 REG. NO: 741CD
 WORK ORDER: 9481-08-2021



Premier Aircraft Service, Inc.
 5540 NW 23rd Avenue Hanger 14
 Fort Lauderdale, FL 33309
 Phone: (954) 334-2393

DATE: 8/23/2021
 A/C TSN: 13.7
 TACH: 13.7

Airframe Entries

(2) INSTALLED CANOPY SUN VISORS IAW DIAMOND OAM-40-327/C AND WI-OSB-40NG-028. FILLED OUT FAA337. REVISED EQUIP LIST AND WEIGHT AND BALANCE.

DATE: 8/23/2021

SIGNED:

EMMANUEL VICIOSO
 CRS# 9PRR402B

Work Order: 9481-08-2021

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MAKE: Diamond
 MODEL: DA 40
 S/N: 40.1230
 REG. NO: 741CD
 WORK ORDER: 9487-08-2021



Premier Aircraft Service, Inc.
 5540 NW 23rd Avenue Hanger 14
 Fort Lauderdale, FL 33309
 Phone: (954) 334-2393

DATE: 8/25/2021
 A/C TSN: 17
 TACH: 17

Airframe Entries

(2) REPLACED LH POSITION / STROBE LIGHT WITH NEW PN :01-0771733-12 IAW: DA40 180 AMM 33-40-00 AND AC43.13-1B CHAPTER 11. OPERATIONAL CHECKED GOOD.

DATE: 8/25/2021

SIGNED:

SAMUEL TAVAREZ JR.
 CRS# 9PRR402B

Work Order: 9487-08-2021

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