AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Diam	ond RCRAFT	REC	ORDABLE CONCE	SSIO	N REPORT	1.3, NCR in DAI-S NCR24-1852	System:	1.4. NCR REV: A	
DOCUMENT IDENT	IFICATIO	1.1. Manufacture	er: DAIC	1.2. Manı	ufacturer Ref. No.:24	-1852 1.5. Sheet 1 of 2			
IDENTIFICATION	OF PRODI	UCT EFFECTED							
Type of product/program		2.2. Part number: DA40-ZELLE-MO3	2.3. Part Description: DA40 Composite Kit			D44-5320-30-	2.4. Drawing No. / Revision: D44-5320-30-00_1 REV H		
Part serial / batch / lot IC325-10000	/ batch / lot number 2.6. Assy serial number 40.NC325		r: 2.7. Product number (40.NC325	2.7. Product number (A/C Nr.): 2.8. Quantity.: 40.NC325			2.9. Work/Purchase order number: 40.NC325-10000		
				4 DISP	OSITION OF COL	NCESSION BY THE DES	SIGN HOLDER	(DH)	
DESCRIPTION OF N	ON-CONF	ORMANCE		4.1 Class		Minor		\boxtimes	
Detailed description ("sho	c with Berr	inger brakes have cot	ntact @ item 68 when pedal			Major Repair, Co	ompliance docum	ents attached	
and co-pilot side.			Concession accepted (use as is) 4.2 Decision: Concession accepted after repair Concession rejected 4.3. Limitations imposed on the part: NO Yes: see Instructions for Continuous Airworthings in Block 8.						
				4.3. Limi	tations imposed on t	he part: NO	see Instructions Airworthiness in	for Continuous Block 8.	
5. NON- CONFORMANCE RESOLUTION: Remove and replace pedal stop with C61-2700-101-001. Adjust banjo fitting on the master cylinders aft as much as possible.			4.4 Flight operations affected: \[\begin{align*} \text{NO} & \text{N} & \text{Yes: see Instructions for Continuous} \\ \text{Airworthiness in Block 8.} \end{align*}			Block 8.			
6. SIGNATURES	6.1. Or	iginator	6.2. QA MRB	6.3. Eng	ineering	6.4. ENG MRB	6.5. Airw		
Function Name:	Pre	eparing of concession	Approval	-	nnical Evaluation	Approval		orthiness Evaluation	
Signature:	O.Bhat	tta	O.Bhatta	T. Kubus	le.	I. Kubrak	T. Makso		
Date: dd/mm/yy	Ordena Bhatta juli 8.	2024 OF-18 EDT1	O.Blidtta	I. Kubra	K	land	Taria Mal	() OUN 024 1650 EDT)	
7 Close	00 11	000.	Oshina Bhatta (Ad 8, 2024 99-18 EDT)	West		08-Jul-2024	10-Jul-202		
7. CLOSING & DIS	TRIBUTIO	N BY OA	08-Jul-2024	08-Jul-20	24	08-Jul-2024			
Signature:	O.Bha	atta Lassa de de Editi	☐ OoA (original) ☐ Originator		tomer Support COMPOSITE				
Date: dd/mm/yy	11-J	ul-2024	Final Assembly	QSL					

Other: Customer (attached to AC logbook)

☐ Austro Engine

Form Q-189A

N254SA

DA 40

40.N

A4

MidContinent® INSTRUMENTS+AVIONICS

9400 E. 34th St. N. Wichita, KS 67226

16320 Stagg Street Van Nuys, CA 91406

Altimeter Scale Correction Card

6420302-2

Altimeter P/N:

D24-11079

Serial Number:

Seliai		DEFEDENCE	All
REFERENCE	ALTIMETER READS	REFERENCE ALTITUDE IN FT	ALTIMETER READS
ALTITUDE IN FT	-1,010	17,000	16,995
-1,000	-8	18,000	17,996
0	493	20,000	19,996
500		22,000	21,996
1,000	991	25,000	24,996
1,500	1,485		29,996
2,000	1,984	30,000	
3,000	2,990	35,000	34,989
4,000	3,990	40,000	39,985
5,000	4,991	45,000	44,971
6,000	5,986	50,000	49,959
8,000	7,987		
10,000	9,992		
11,000	10,992		
12,000	11,994		
14,000	13,991		
16,000	15,993		

Tested By:

9018546 Rev. 8/7/2015

Date:

4/22/2024

MD302 card.xls

Section 1: All



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

N254SA

AC Serial Number: Engine Serial Number:

40.NC325

Prop Serial Number:

E4-A-06873 240266

Airframe Total Time:

3.2 HRS

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

Compass Swing Performed:

JULY 10 2024 JULY 2025

Date:

Next Due: 0

	FOR	N	30	60	E	120	_
	STEER	001	030	060	091	122	
		J 1	21111	1411	14/	100 CO	
	STEER	181	209	238	268	290	330
_						233	330

Static Pressure system and Primary Altimeter (G1000) have been inspected and tested in accordance with Cap 1.411: Standard 571, Appendix B and 14 CFR 91.411:

JUNE 20 2024

Test Date:

Next Due:

JUNE 2026

Stand By Altimeter:

APRIL 22 2024 APRIL 2026

Factory Test Date:

ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, ATC Transponder & ATC

Appendix F and 14 CFR 91.217: & 91.413:

Test Date: 0

JUNE 19 2024

Next Due:

JUNE 2026

Programmed Registration: N254SA

N/A (U.S. Registration)

0

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 (WW/YY)

0

Installation Inspected: 0

JULY 10 2024 FEBRUARY 2030

Battery due: Next ELT inspection due:

JULY 2025

0 ELT Programmed:

REG:

N254SA

HEX:

N/A

Country:

366 (USA)

Beacon ID:

ADC6499904AD381

Emergency Battery Pack: Replacement Due Date: JUNE 2026

Garmin G1000 NXi Installation:

Software System: 1669.12 0

Checklist File: N/A

Basemap Land 5.20 0

SafeTaxi Data: 11-JUL-2024 0

Terrain Data: 3.00 0

Obstacle Data: Expires 11-JUL-2024 0

Navigation Data: Expires 11-JUL-2024

Apt Directory: Expires 11-JUL-2024 0

ChartView Data: N/A 0

FliteCharts Data: Expires 11-JUL-2024 0

IFR/VFR charts: Date: 13-JUN-2024

Q8 Inspector

JUL 1 6 2024 Date

(Continued next page)



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

Registration:

N254SA

AC Serial Number:

40.NC325

Engine Serial Number: Prop Serial Number:

E4-A-06873 240266

Airframe Total Time:

3.2 HRS

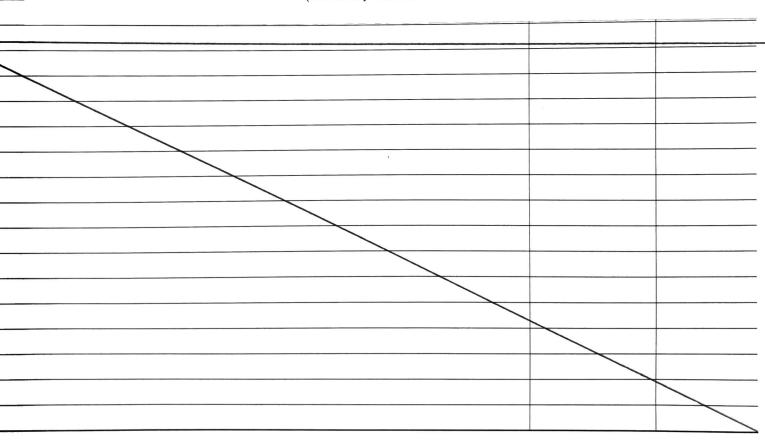
Following limitations as per DA 40 AMM Chapter 4 (subject to change with revision):

	Hours	Years	Next Due:
Component			1000 hrs
Essential Bus	1000	-N/A-	
Pitot-Static System	1000	2	1000 hrs or JUNE 2026
			1000 hrs or JUNE 2028
Bonding System	1000	4 yrs. +/- 60 days	
Emergency Battery Pack	-N/A-	2	JUNE 2026
	-N/A-	1	JUNE 2025
ECU Backup Battery	-IN/A-		00112

- The following STC's are incorporated:
 - FAA STC No. SA03366NY (Beringer wheel and brake system)
 - FAA STC No. SE03232CH (Tanis Engine preheat kit)
- 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 2024-14 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)

JUL 1 6 2024

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

Registration: AC Serial Number: Engine Serial Number: Prop Serial Number: Airframe Total Time:

 $N_{254\text{SA}}$ 40.NC325 E4-A-06873 240266 3.2 HRS

Garmin G1000 NXi Installation: Software System: 1669.12

Checklist File: N/A

Basemap Land 5.20

SafeTaxi Data: 5-SEP-2024 0

Terrain Data: 3.00

Obstacle Data: Expires 5-SEP-2024 Navigation Data: Expires 8-AUG-2024 0

Apt Directory: Expires 5-SEP-2024 0

ChartView Data: N/A

FliteCharts Data: Expires 8-AUG-2024 0

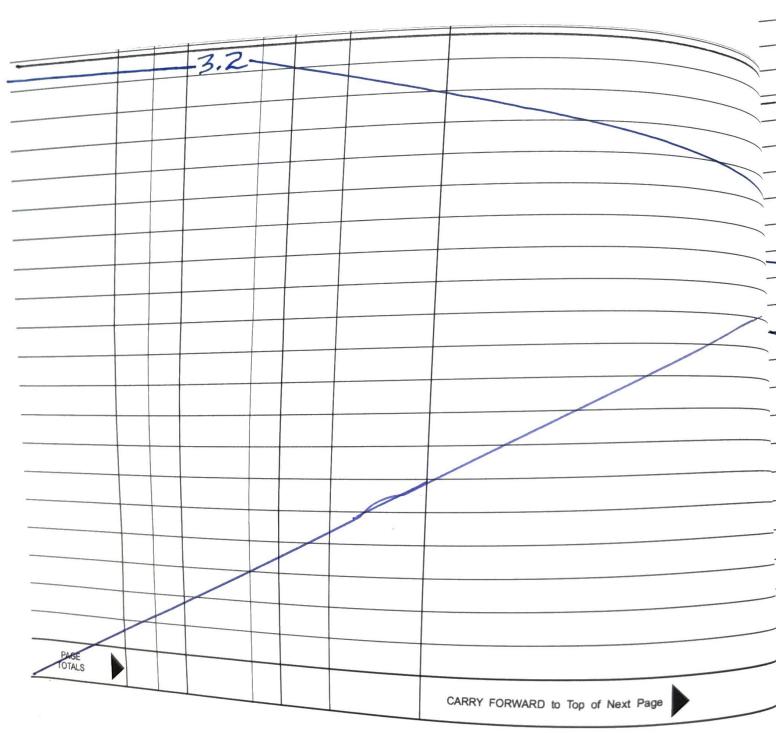
IFR/VFR charts: Date: 11-JUL-2024 0

Bi-weekly AWD check carried out to current revision 2024-14 all applicable AD's complied with, see attack described above was carried out in accordance with the applicable Standard of Airworthiness.

DA Q 43

Inspector

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		NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
water the second			
		•	
*			
	(Date) JUL 1 6 2024 , has been installed Aircraft on behalf of FAA Farmingdale/Saddle Section AIR-8A5 on: (Date) JUL 1 8 2024	I in the Brook MIDO	élégué de vation civile
	(Date) JUL 18 2024 (Print) R. Salton (Signature)	TEL C	0363 vil Aviation Delegate
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