

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG



RECORDABLE CONCESSION REPORT

1.3. NCR in DAI-System: NCR24-1852
1.4. NCR REV: A

1. DOCUMENT IDENTIFICATION
1.1. Manufacturer: DAIC
1.2. Manufacturer Ref. No.: 24-1852
1.5. Sheet 1 of 2

2. IDENTIFICATION OF PRODUCT EFFECTED

2.1. Type of product/program: DA40	2.2. Part number: DA40-ZELLE-MO3	2.3. Part Description: DA40 Composite Kit	2.4. Drawing No. / Revision: D44-5320-30-00_1 REV H	
2.5. Part serial / batch / lot number 40.NC325-10000	2.6. Assy serial number: 40.NC325	2.7. Product number (A/C Nr.): 40.NC325	2.8. Quantity.: 1	2.9. Work/Purchase order number: 40.NC325-10000

3. DESCRIPTION OF NON-CONFORMANCE
3.1. Detailed description ("should be" and "is"):

Mechanical rudder pedals with Berringer brakes have contact @ item 68 when pedal assy. fully forward. When pedals are deflected the contact is increased. this is on pilot and co-pilot side.

4. DISPOSITION OF CONCESSION BY THE DESIGN HOLDER (DH)

4.1 Classification: Minor
Major Repair, Compliance documents attached

4.2 Decision: Concession accepted (use as is)
Concession accepted after repair
Concession rejected

4.3. Limitations imposed on the part: NO Yes: see Instructions for Continuous Airworthiness in 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: NO Yes: see Instructions for Continuous Airworthiness in Block 8.

6.1. Originator		6.2. QA MRB		6.3. Engineering		6.4. ENG MRB		6.5. Airworthiness	
Function: Preparing of concession		Approval		Technical Evaluation		Approval		Airworthiness Evaluation	
Name: O.Bhatta		O.Bhatta		I. Kubrak		I. Kubrak		T. Maksoud	
Signature:		Signature:		Signature:		Signature:		Signature:	
Date: dd/mm/yy 08-Jul-2024		Date: dd/mm/yy 08-Jul-2024		Date: dd/mm/yy 08-Jul-2024		Date: dd/mm/yy 08-Jul-2024		Date: dd/mm/yy 10-Jul-2024	

7. CLOSING & DISTRIBUTION BY QA

Name: O.Bhatta	<input type="checkbox"/> OoA (original) <input type="checkbox"/> Originator <input checked="" type="checkbox"/> Final Assembly <input type="checkbox"/> Austro Engine	<input type="checkbox"/> Customer Support <input type="checkbox"/> PL-COMPOSITE <input type="checkbox"/> QSL-PMS <input checked="" type="checkbox"/> other: Customer (attached to AC logbook)
Signature:		
Date: dd/mm/yy 11-Jul-2024		



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

16320 Stagg Street
Van Nuys, CA 91406

Altimeter Scale Correction Card

6420302-2

Altimeter P/N:
Serial Number:

D24 - 11079

REFERENCE ALTITUDE IN FT	ALTIMETER READS
-1,000	-1,010
0	-8
500	493
1,000	991
1,500	1,485
2,000	1,984
3,000	2,990
4,000	3,990
5,000	4,991
6,000	5,986
8,000	7,987
10,000	9,992
11,000	10,992
12,000	11,994
14,000	13,991
16,000	15,993

REFERENCE ALTITUDE IN FT	ALTIMETER READS
17,000	16,995
18,000	17,996
20,000	19,996
22,000	21,996
25,000	24,996
30,000	29,996
35,000	34,989
40,000	39,985
45,000	44,971
50,000	49,959

Tested By: [Signature]

Date: 4/22/2024



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

Registration: N254SA
 AC Serial Number: 40.NC325
 Engine Serial Number: E4-A-06873
 Prop Serial Number: 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:
 - Date: JULY 10 2024
 - Next Due: JULY 2025

FOR	N	30	60	E	120	150
STEER	001	030	060	091	122	152
FOR	S	210	240	W	300	330
STEER	181	209	238	268	299	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: JUNE 20 2024
 - Next Due: JUNE 2026

- Stand By Altimeter:
 - Factory Test Date: APRIL 22 2024
 - Next Due: APRIL 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: JUNE 19 2024
 - Next Due: JUNE 2026
 - Programmed Registration: N254SA
 - 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 (WW/YY)
 - Installation Inspected: JULY 10 2024
 - Battery due: FEBRUARY 2030
 - Next ELT inspection due: JULY 2025
 - 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
 - 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 16 2024
Date

(Continued next page)

Section 1: Airframe Log



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Engine Serial Number: E4-A-06873
Prop Serial Number: 240266
Airframe Total Time: 3.2 HRS

- Garmin G1000 NXi Installation:
 - Software System: 1669.12
 - Checklist File: N/A
 - Basemap Land 5.20
 - SafeTaxi Data: 5-SEP-2024
 - Terrain Data: 3.00
 - Obstacle Data: Expires 5-SEP-2024
 - Navigation Data: Expires 8-AUG-2024
 - Apt Directory: Expires 5-SEP-2024
 - ChartView Data: N/A
 - FliteCharts Data: Expires 8-AUG-2024
 - IFR/VFR charts: Date: 11-JUL-2024

- 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.


 Inspector



JUL 18 2024

Date

(Intentionally left blank below this point)

3.2

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

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) R. Salton (Signature) 

