

AIRCRAFT: S/N:  
C0788

# AIRCRAFT TECHNICAL RECORD

N728SA

REGISTRATION



DA20-C1  
S/N: C0788

# Airframe Airworthiness Directive Summary

[illegible]

# AIRCRAFT TECHNICAL RECORD

## Section 1. AIRFRAME LOG

## **AIRCRAFT**

- |   |         |
|---|---------|
| 1. Nationality and Registration:          | N728SA  |
| 2. Manufacturer's designation:            | DA20-C1 |
| 3. Manufacturer's Serial Number:          | C0788   |
| 4. Type Approval or Specification Number: | TA4CH   |
| 5. Date of Manufacture:                   | 2025    |
| 6. Aircraft Inspections cycle:            |         |



# Section 1: Airframe Log



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

Registration: N728SA  
A/C Serial Number: C0788  
Engine Serial Number: 1048729  
Prop Serial Number: 25015  
Airframe Total Time: 5.6 HRS

- Total Time Airframe Brought forward from Flight Test Journey Log (DAI - Form Q-156): 5.6 HRS
- Ballast weight in Tail Skeg installed: 8.40 lbs
- Compass Swing Performed:

○ Test Date: SEPTEMBER 09 2025  
○ Next Due: SEPTEMBER 2026

FOR	N	30	60	E	120	150
STEER	003	033	062	091	121	151
FOR	S	210	240	W	300	330
STEER	181	210	238	268	298	328

- Static Pressure system has been inspected and tested in accordance with Standard 571, Appendix B of the
- Airworthiness Manual and 14 CFR 91.411
  - Test Date: JULY 17 2025
  - Next Due: JULY 2027
- ATC Transponder & Altitude Reporting System(s) have been tested in accordance with Standard 571, Appendix F of the Airworthiness Manual and 14 CFR 91.217: & 91.413
  - Test Date: JULY 17 2025
  - Next Due: JULY 2027
- ATC Transponder Programmed with:
  - REG: N728SA
  - HEX CODE: N/A
- The ELT was tested and inspected in accordance with CAR Standard 571, Appendix G and 14 CFR 91.207(d):
  - Manufacturers Cert. date: 13/25 (WW/YY)
  - Installation Inspected: SEPTEMBER 09 2025
  - Battery due: JUNE 2031
  - Next ELT inspection due: SEPTEMBER 2026
  - ELT Programmed:
    - REG: N728SA
    - Country Code: 366 (USA)
    - HEX Code: N/A (U.S. Registration)
    - Beacon ID: ADC6499C64CD381
- Garmin G500 TXi:
  - Software version: 3.72
  - Navigation: 2509, Expires 02-OCT-25
  - Basemap: 25M1
  - Obstacle/HOT: 25B4, Expires 02-OCT-25
  - Terrain: 20T1
  - SafeTaxi: 25S4, Expires 02-OCT-25
  - Airport Directory: 25D4, Expires 02-OCT-25
  - FliteCharts: 2509, Expires 02-OCT-25
- Garmin GTN 650
  - Garmin GTN 650 SW Version: 20.30
  - Garmin GTN 650 GPS Version: 8.2
  - Garmin GTN 650 Navigation: 2509, Current until 02-OCT-25
  - Garmin GTN 650 Basemap: 25M1
  - Garmin GTN 650 Obstacles/HOT: 25B4, Current until 02-OCT-25
  - Garmin GTN 650 SafeTaxi: 25S4, Current until 02-OCT-25
  - Garmin GTN 650 Terrain: 20T1
  - Garmin GTN 650 FliteCharts: 2509, Current until 02-OCT-25
  - Garmin GTN 650 Airport DIR 25D4, Current until 02-OCT-25
- Garmin GTR 225A
  - Garmin GTR 225 SW VER: 3.02
  - Garmin GTR 225 AVN DB: 04-SEP-25 (2509)
  - Garmin GTR 225 DB REGION: GTR

  
Inspector



SEP 16 2025

date

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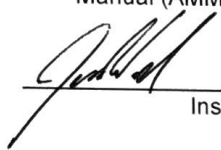
DIAMOND AIRCRAFT INDUSTRIES INC.  
D.O.T. APPROVED MANUFACTURER #161-93

Registration: N728SA  
A/C Serial Number: C0788  
Engine Serial Number: 1048729  
Prop Serial Number: 25015  
Airframe Total Time: 5.6 HRS

- Following limitations as per DA20-C1 AMM Chapter 4 (subject to change with revision):

Component	Hours	Years	Next Due
Rudder Control Cables	3000 hours	10 years	3000 hrs. or SEPTEMBER 2035

- The following STC's are incorporated:
  - FAA STC SA03373AT (MT-Propeller)
  - FAA STC SA02571SE (Garmin G500/G600 TXi)
  - FAA STC SA02019SE-D (Garmin GTN 6XX/7XX and GTN Xi Series Navigation System)
  - FAA STC SA02658SE (Garmin GI 275 Multi-Function Display system)
  - FAA STC SA01714WI (Garmin GTX 345/345R/345D/345DR with ADS-B Out and In functionality)
- THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS).
- I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE CERTIFICATE: FAA TA4CH Revision No.: 17 AND IS IN A FIT AND SAFE STATE FOR FLIGHT.
- Bi-weekly AWD check carried out to current revision 2025-18 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).

  
Inspector



SEP 16 2025

date

(Intentionally left blank below this point)

U.S. Standard Airworthiness Certificate, issued:

(Date) SEP 19 2025, has been installed in the  
Aircraft, on behalf of FAA Farmingdale Certificate Management  
Section AIR-855, on:

(Date) SEP 19 2025

(Print) L. Bevelink (Signature) 