

AIRCRAFT
S/N:
44-NC126

AIRCRAFT TECHNICAL RECORD

N226DA

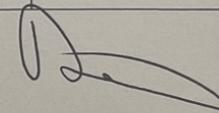
REGISTRATION

AeroTRANSPORT® Logbooks
www.aerotransport.com

Airworthiness Directive Compliance Record
Chronological Listing - FAA Style

N226DA 40.NC126

AD# Effective	Subject	Date & Hours @ Compliance	Method Of Compliance	O	R	Next Comp @ Hrs/Date	Authorized Signature & Number
21-17-01 08/23/21	OIL PUMP PRESSURE LOSS/	3/3/21	MSB-E4-030/2	X		N/A	David Seastead AP3492477 IA
21-22-20 11/16/21	HIGH PRESSURE PUMP DRIVING GEAR MANUFACTURING DAMAGE/	1/6/22	MSB-E4-036/1	X		N/A	David Seastead AP3492477 IA
21-24-10 12/27/21	SAND CASTED OIL PUMP HOUSING IMPROPER CLEANING PROCESS/	1/6/22	N/A by P/N	X		N/A	David Seastead AP3492477 IA
22-03-03 02/14/22	HIGH PRESSURE PUMP DRIVING GEAR MANUFACTURE OR ASSEMBLY DAMAGE/	1/6/22	MSB-E4-036/1	X		N/A	David Seastead AP3492477 IA



2022-05

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

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

Registration: N226DA
 AC Serial Number: 40.NC126
 Engine Serial Number: E4-A-05091
 Prop Serial Number: 201372
 Airframe Total Time: 3.1 HRS

- Total Time Airframe Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.1 HRS

- Compass Swing Performed:

- Date: FEBRUARY 03 2021
- Next Due: FEBRUARY 2022

FOR	N	30	60	E	120	150
STEER	360	030	060	088	118	148
FOR	S	210	240	W	300	330
STEER	177	208	240	271	300	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: JANUARY 13 2021
- Next Due: JANUARY 2023

- Standby Altimeter:

- Factory Test Date: DECEMBER 10 2020
- Next Due: DECEMBER 2022

- 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: JANUARY 13 2021
- Next Due: JANUARY 2023
- Programmed Registration: N226DA
- Hex Code: N/A (U.S. Registration)

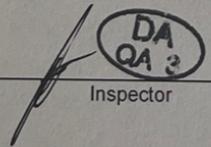
- The ELT was tested and inspected in Accordance with CAR Standard 571, Appendix G and 14 CFR 91.207(d) :

- Manufacturers Cert. date: 42/20
- Installation Inspected: JANUARY 29 2021
- Battery due: AUGUST 2027
- Next ELT inspection due: JANUARY 29 2022
- ELT Programmed:
 - REG: N226DA
 - HEX: N/A
 - Country: 366 (USA)
 - Beacon ID: ADC64999655CB81

- Emergency Battery Pack: Replacement Due Date: DECEMBER 2022

- Garmin G1000 NXi Installation:

- Software System: 2948.11
- Checklist File: N/A
- Basemap Land 5.18
- SafeTaxi Data: 25-FEB-2021
- Terrain Data: 3.00
- Obstacle Data: Expires 25-FEB-2021
- Navigation Data: Expires 25D-FEB-2021
- Apt Directory: Expires 25-FEB-2021
- FliteCharts Data: Expires 25-FEB-2021
- IFR/VFR charts: Date: 28-JAN-2021


 Inspector

FEB 05 2021

Date

(continued next page)



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

Registration: N226DA
AC Serial Number: 40.NC126
Engine Serial Number: E4-A-05091
Prop Serial Number: 201372
Airframe Total Time: 3.1 HRS

- Following limitations as per DA 40 NG 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 JAN 2023
Bonding System	1000	-N/A-	1000 hrs
Emergency Battery Pack	-N/A-	2	DECEMBER 2022
ECU Backup Battery	-N/A-	1	JANUARY 2022

- The following STC's are incorporated:
 - No STC's incorporated.
- 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. 16, AND IS IN A FIT AND SAFE STATE FOR FLIGHT.
- Bi-weekly AWD check carried out to current revision 2021-03 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

 DA QA 3
Inspector

FEB 05 2021
Date

(Intentionally left blank below this point)

U.S. Standard Airworthiness Certificate, issued:

(Date) FEB 10 2021, has been installed in the Aircraft on behalf of FAA Farmingdale/Saddle Brook MIDO Section AIR-8A5 on:

(Date) FEB 10 2021

(Print) L. BEERLIUB (Signature) 



Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
CARRIED FORWARD						

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)



Diamond Aircraft Ind.
D.O.T. APPROVED
MAINTENANCE
ORGANIZATION 161-93
Diamond Aircraft Work Order: SO 072913

Registration: N226DA
AC Serial Number: 40.NC126
Airframe Total Time: 3.1 hrs
Engine SN: 14-1-05091
Engine TT: 3.1 hrs
Prop SN: 201372
Prop TT: 3.1 hrs

The Following Maintenance was Performed:

- Engine oil pump PN: E4A-50-000-BHY SN: 0394 replaced IAW EASA AD No: 2021-0055-E and Austro Engine MSB-E4-030/2. New oil pump PN: E4A-50-000-000 installed. Engine ground run and leak check carried out, found serviceable.
- Prop governor speed stop adjusted 3/8 turn out.
- Re torqued fuel filter housing fittings.
- Fuel filter PN: WK724_3 replaced

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

ACA:  Date: **MAR 03 2021**

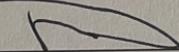
MAKE: Diamond
MODEL: DA40NG
S/N: 40.NC126
REG. NO: N226DA
WORK ORDER: 0504



Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 1/6/2022
A/C TSN: 90.1
HOBBS: 122.6

Airframe Entries
• Replaced fuel filter

DATE: 1/6/2022 SIGNED:  Work Order: 0504
David Seastead, License: AP3492477 IA Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA40NG
S/N: 40.NC126
REG. NO: N226DA
WORK ORDER: 0509

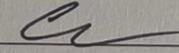


Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 3/1/2022
A/C TSN: 116.7
HOBBS: 161.4

Airframe Entries
• Performed Annual Inspection using DA40NG AMM as a guide
• Inspected ELT system IAW 14 CFR 91.207(d)
• Replaced ECU backup batteries
• Complied with 100 Hour lubrication

I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 3/1/2022 SIGNED:  Work Order: 0509
Chad Cox, License: AP3782800 IA Printed by EBis 3 (datcomedia.com)

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