

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

Section 1: Airframe Log

DATE
/ /

AIR TIME

DAILY TOTAL

TOTAL

HRS MIN

HOURS MIN

LANDINGS / CYCLES

DAILY TOTAL

TOTAL

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENT)

CARRIED FORWARD



AMO 161-93

Aircraft Reg: N565RG
Work Order: S0075065

Date: November 4, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.065	TSN:	31.1 Hrs
Engine	Continental	Centurion 3.0	06-01-00118	TSN:	31.1 Hrs
Prop	MT-Propeller	MTV-12-D/210-56	240992	TSN:	31.1 Hrs

The following information has been transcribed from the aircraft production records & ferry flight log:

- Compass swing performed September 20, 2024:

FOR	N	30	60	E	120	150
STEER	000	029	059	090	119	150
FOR	S	210	240	W	300	330
STEER	181	212	242	272	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: September 20, 2024
 - Next Due: September 20, 2026
- ATC Transponder & Altitude Reporting System(s) have been tested in Accordance with CAR Standard 571, Appendix F and 14CFR 91.217 & 91.413.
 - Test Date: September 20, 2024
 - Next Due: September 20, 2026
- Following limitations as per DA 50 C AMM Doc No. 9.02.01 Issue 13, Chapter 04 - Subject to change with AMM revision, always refer to latest revision.

Certification Maintenance Requirements:

ATA Ch.	Component	Hours	Years	Next Due
51	Bonding System and static discharging system	1000 +/- 50	4 +/- 60 Days	1000 hrs/ September 19, 2028

- Garmin G1000 Installation:

Software Version:	2576.03	FliteCharts Expiry:	2024-11-28
Obstacle Database Expiry:	2024-12-26	SafeTaxi Expiry:	2024-12-26
Navigation Database Expiry:	2024-11-28	ChartView Expiry:	N/A
GTX 345 Software Version:	V2.60	Apt Directory Expiry:	2024-12-26

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No.3624/24, dated October 3, 2024.
- USA Registration Letters "N565RG" installed on fuselage side surface I.A.W. FAR45.25 (b) (2).
- ELT & TXPR reprogrammed & verified for USA Registration "N565RG":
 - ELT Hex Code: A73AFB, ELT Hex ID: ADC64981541AAB1, ELT P/N: S1851501-02 S/N: TM0000316521, ELT Battery Due Date: December 1, 2030
 - TXPR P/N: 011-03303-01 S/N: 3EH045243
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 par D.
- Transponder default VFR code set to 1200.
- COM frequency channel spacing set to 25 KHz.
- Removed Turtle Pac ferry tank and pump assembly IAW Diamond work instructions WI-FCDN 50-011 Rev. 1.
 - Turtle Pac PN: D33X SN: 4504 & 4505
- Removed ferry seat bench and reinstalled original PAX seat bench IAW DA 50 C AMM 9.02.01 Issue 13 Ch. 25-10-15.
 - Removed ferry bench PN: D67-2521-00-00. Installed original PAX seat bench PN: D67-2521-03-00-S1+S2, SN: 151
- Current Aircraft Weight and balance information as found in AFM 9.01.01-E Issue: 15 Ch. 6 dated October 30, 2024.
 - Current Empty Weight = 1521.5 kg OR 3354.33 lbs
 - Current Empty C of G = 2.389 m OR 94.061 in
 - Max Ramp Weight = 1999 kg OR 4407.04 lbs
 - Current Useful Load = 477.5 kg OR 1052.71 lbs
- Power connectors JA & JB installed IAW OAM 50-042/a (Ferry Tank Provisions) have been capped and stowed behind instrument panel. 10 Amp CB "ACC-Power" pulled and locked.
- Airframe documentation inspected for Major Mod's and/or STC's incorporated. None Found.
- All applicable Airworthiness Directives, Service Bulletins complied with. See attached report.
- AWD Bi-weekly checked thru 2024-22.

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE CERTIFICATE: A00064IB Revision No. 3 AND IS IN A FIT AND SAFE STATE FOR FLIGHT

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature:

ACA



PAGE
TOTALS

CARRY FORWARD to Top of Next Page

AIRCRAFT DATA

- | | |
|---|-----------------|
| 1. Nationality and Registration: | N565RG |
| 2. Manufacturer's designation: | DA 50 C |
| 3. Manufacturer's Serial Number: | 50.C.A.A.065 |
| 4. Type Approval or Specification Number: | A00064IB Rev. 3 |
| 5. Date of Manufacture: | October 2024 |
| 6. Aircraft Inspections cycle: | |

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

I find that this aircraft meets the requirements for
the certificate requested and have issued
Standard Airworthiness Certificate Dated

NOVEMBER 05, 2024

John Polonenko, DAR-T 055245268



AMO 161-93

Aircraft Reg: N565RG
Work Order: S0075065

Date: November 6, 2024

	Make	Model	SN	TSN:	32.5 Hrs.
Airframe	Diamond	DA 50 C	50.C.A.A.065	TSN:	32.5 Hrs.
Engine	Continental	Centurion 3.0	06-01-00118	TSN:	32.5 Hrs.
Prop.	MT-Propeller	MTV-12-D/210-56	240992	TSN:	32.5 Hrs.

The following work was performed:

- PAX door inner seal adjusted along bottom edge of door.
- Verified rudder and rudder trim travels within limits IAW DA50C AMM Ch. 06-00-03 Fig. 3 & 5.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____



AMO 161-93

Aircraft Reg: N565RG
Work Order: S0075065

Date: November 12, 2024

	Make	Model	SN	TSN:	34.6 Hrs.
Airframe	Diamond	DA 50 C	50.C.A.A.065	TSN:	34.6 Hrs.
Engine	Continental	Centurion 3.0	06-01-00118	TSN:	34.6 Hrs.
Prop.	MT-Propeller	MTV-12-D/210-56	240992	TSN:	34.6 Hrs.

The following work was performed:

- Replaced RH alternate air Bowden cable core PN: T22700034.
- LH/RH alternate air valve rigging adjusted as required.

An Independent inspection has been carried out on the engine controls affected by the work performed.

Signature: _____

ACA: _____



The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____

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							



AMO 161-93

Aircraft Reg: N565RG
Work Order: S0075065

Date: November 13, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.065	TSN:	35.3 Hrs.
Engine	Continental	Centurion 3.0	06-01-00118	TSN:	35.3 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	240992	TSN:	35.3 Hrs.

The following work was performed:

- LH aileron O/B short rod AFT rod end connection adjusted 1/2 turn down.

An Independent inspection has been carried out on the engine controls effected by the work performed.

Signature: _____

ACA: _____

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____



AMO 161-93

Aircraft Reg: N565RG
Work Order: S0075065

Date: November 19, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.065	TSN:	35.8 Hrs.
Engine	Continental	Centurion 3.0	06-01-00118	TSN:	35.8 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	240992	TSN:	35.8 Hrs.

The following work was performed:

- Proportional pressure reducing valve pre pressure adjusted to 21 bar.
- Engine ground run and leak check carried out. Found serviceable.

An Independent inspection has been carried out on the engine controls effected by the work performed.

Signature: _____

ACA: _____

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____

PAGE
TOTALS

CARRY FORWARD to Top of Next Page

N Number	Date	TACH/HOBBS	AFTT
N565RG	2/14/2025	93.7	93.7

AF Entry

Performed annual inspection on this aircraft in accordance with FAR 43 appendix D. Checked all controls for proper rigging and lubricated. Checked all cables for proper tension, checked all structural points, inspected all hoses, lines and wiring. Repacked all wheel bearings, checked tires, wheels and brakes for condition. Inspected ELT in accordance with FAR 91.207(d), next due 02/2026, battery replacement date 12/2030. Installed new FADEC backup batteries PN DURA12-1.3F, next due replacement 02/2026. Installed new alternator excitation batteries PN DURA12-1.3F, next due replacement 02/2026. Checked and serviced all fluid levels, lubricated controls and washed aircraft. Checked applicable AD's for compliance to date. All work performed in reference to Diamond service manual and standard practice as listed in FAR part 43 to return this aircraft to service in airworthy condition. Refer to WO #G05828 on file at Dillon's Aviation, Inc.

William R. Renn
 William R. Renn For Dillon's Aviation, Inc.
 AP35793531A

MAKE: Diamond
 MODEL: DA50RG
 S/N: 50.C.A.A.065
 REG. NO: 565RG



**Premier Aircraft Service,
 Inc.**
 5540 NW 23rd Avenue Hangar 14
 Fort Lauderdale, FL 33309

W/O #: 11150-07-2025
 DATE: 09-16-2025
 Airframe TT: 202.2
 Tach: 202.2

Airframe Entries

- 3 RESEALED UPPER LEFT SIDE SECTION OF WINDSHIELD WITH P/N: A00721 SEALANT AS REQUIRED.
- 8 INSTALLED BOTTOM COWLING GEARBOX OIL LEVEL DOOR LID STOP IAW DA50 MM CH 71-10.
- 11 REPLACED NLG INDICATION LIGHT SOCKET WITH NEW P/N: 1.02157.001-1510 AND INSTALLED NEW BULB P/N: 430552 IAW DA50 MM CH: 33-10-00.
- 13 C/W MSB50-003/7 G1000NXI S/W UPGRADE.

DATE: 09-16-2025

SIGNED:

Cason Herrera
 Cason Herrera
 License: A&P 4979290

WORK ORDER: 11150-07-2025

Printed by EBIS (EBISCloud.com)