

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE LOG

- | | |
|----------------------------------|---|
| 1. Make: | Continental Aerospace Technologies GmbH |
| 2. Model: | Centurion 3.0 |
| 3. Specification: | E00098EN Rev. 1 |
| 4. Manufacturer's Serial Number: | 06-01-00084 |
| 5. Date of Manufacture: | December 1, 2023 |
| 6. Aircraft Inspection Cycle: | |

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							



AMO 161-93

Aircraft Reg: N23DA
Work Order: S0074768

Date: May 15, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.055	TSN:	32.6 Hrs.
Engine	Continental	Centurion 3.0	06-01-00084	TSN:	32.6 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	230724	TSN:	32.6 Hrs.

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

- Continental Aerospace Technologies engine model Centurion 3.0 (CD-300) SN: 06-01-00084 installed on Aircraft DA 50 C SN: 50.C.A.A.055
- Total engine time brought forward: 32.6 Hours TSN.
- IAW CAT SB TMG 300-0001 P1, Rev. 3:
 - Engine identified as version 02, TBR/TBO is 2000 hours TSN or February 5, 2036, whichever occurs first.
- Oil sample and Oil filter replacement performed IAW CAT CD-300 MM OM-06-01 Ch. 6.
- Next inspection due: 50-hour inspection.
- Refer to CD-300 OM-06-01 latest revision for component inspection/exchange intervals.
- Engine 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 2024-09.

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

Signature: _____

ACA



AMO 161-93

Aircraft Reg: N23DA
Work Order: S0074768

Date: May 22, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.055	TSN:	32.6 Hrs.
Engine	Continental	Centurion 3.0	06-01-00084	TSN:	32.6 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	230724	TSN:	32.6 Hrs.

The following work was performed:

- Engine oil pressure transducer replaced with new IAW CD-300 RM-06-01 Ch 39-40.01, PN: 06-7930-E000102

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

Signature: _____

ACA



AMO 161-93

Aircraft Reg: N23DA
Work Order: S0074768

Date: July 16, 2024

	Make	Model	SN		
Airframe	Diamond	DA 50 C	50.C.A.A.055	TSN:	37.1 Hrs.
Engine	Continental	Centurion 3.0	06-01-00084	TSN:	37.1 Hrs.
Prop	MT-Propeller	MTV-12-D/210-56	230724	TSN:	37.1 Hrs.

The following work was performed:

- Complied with Diamond MSB 50-002/3. Updated engine software IAW CAT doc. TM TAE 000-0007 Rev. 61. See form one tracking # P20767/2024.

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

Signature: _____

ACA



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DA 50 RG						NCE: IF CA
REGISTRATION	N23DA					
	Make	Model	S/N		Hrs.	
Airframe	Diamond	DA 50 C	50.C.A.A.055	TSN	103.0	
Engine	Continental	Centurion 3.0	06-01-00084	TSN	103.0	
Propeller	MT Propeller	MTV-12-D/210-58	23724	TSN	103.0	

1. Complied with continental 100 hrs inspection I/A/W CD-300 OM-06-01 REV. 4
Oil sample and oil filter replacement performed IAW CD-300 OM-06-01 Chapter 6, annex 18 serviced engine with 12 liters of Aeroshell diesel ultra, performed engine ground check no leak noted.
2. Replaced fuel filter P/N WDK 940/6 IAW filter manufacturer recommendations, operational ground and leak check performed satisfactorily.

This airplane was inspected and repaired in accordance with the latest manufacturer instructions and procedures and current Federal Aviation Regulations and is approved for return to service for the work performed

Place MRPV

Date Nov/10/2024

Mechanic. JORGE A SOTO
A/P2587541

DA 50 RG (Engine Log book Entry)					
REGISTRATION	N23DA				
	Make	Model	S/N		Hrs.
Airframe	Diamond	DA 50 C	50.C.A.A.055	TSN	198.7
Engine	Continental	Centurion 3.0	06-01-00084	TSN	198.7
Propeller	MT Propeller	MTV-12-D/210-58	23724	TSN	198.7

1. Complied with continental 200 hrs inspection I/A/W CD-300 OM-06-01 REV. 8
Oil sample and oil filter replacement performed IAW CD-300 OM-06-01 Chapter 6, annex 18 serviced engine with 12 liters of Aeroshell diesel ultra, performed engine ground check no leak noted.
2. Replaced fuel filter P/N WDK 940/6 IAW AM/M 28-20-23 and filter manufacturer recommendations, operational ground and leak check performed satisfactorily.
3. Replaced 2 air filter P/N RU-1620 IAW AM/M 71-60-13, operational ground check performed satisfactorily.

This airplane was inspected and repaired in accordance with the latest manufacturer instructions and procedures and current Federal Aviation Regulations and is approved for return to service for the work performed

Place MRPV

Date APR/3/2025

Mechanic. JORGE SOTO
A/P2587541

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME		CYCLES		DESCRIPTION OF WORK PERFORMED (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	

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FORWARD

DA 50 (C)					
REGISTRATION	N23DA				
	Make	Model	S/N		Hrs.
Aircraft	Diamond	DA 50 C	00.C.A.A.055	TSN	198.7
Engine	Continental	Continental 3.0	06-01-00084	TSN	198.7
Propeller	M1 Propeller	MTV-12-D/210-56	230724	TSN	198.7

- Complied with 200 hours / Annual inspection on M1 Propeller model MTV-12-D/210-56 S/N 230724 IAW Diamond Aircraft DA 50 C AMM Page 01-41-9 and M1 Propeller Operational and installation Manual P/N F-124 Section 6.2.1, no defects noted at this time.
- Checked AD's Through FAA Small Federal BI-Weekly 2025 10, No AD's were found applicable to this propeller.

This propeller was inspected in accordance with the latest manufacturer instructions and procedures and current Federal Aviation Regulations and is approved for return to service for the work performed.

Plate MRPV

Date May 24, 2025

Mechanic

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AP4074179 IA

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PREVIOUS
TOTALS
TOTALS
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ENG S/N:06-01-00084

LOGBUCH MOTOREN

ENGINE LOGBOOK



Use this book please

S/N 06-01-00084



Motor-Logbuch Nr.:
Engine Log Book:

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für Kolbenmotor
for piston engine

Baumuster:
Type of engine:

Centurion 3.0

Baureihe:
Model:

Centurion 3.0

Motor-Nr.:

06-01-00084

Engine serial no:

Hersteller:

Continental Aerospace Technologies GmbH

Manufacturer:

**Platanenstraße 14, D-09356 St. Egidien / Germany
Phone: +49 (0)37204 696-0, Fax: -2912**

Baujahr:

2022

Year of manufacture:

Kennblatt:

TCDS EASA.E.104 - Issue 4 - 27 October 2020

Data sheet:

**ATA-NR.:06-7200-K000302
(Centurion 3.0 15:1-28V)**



Bemerkungen:

Remarks:

Datum:

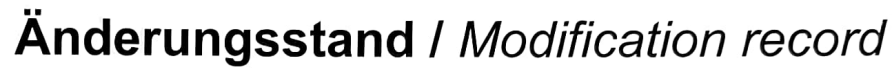
01. DEZ. 2023

Date:

Unterschrift:

Signature:



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Wartungsübersicht / Maintenance record

Datum: Date:	Betriebsstunden des Motors: Engine hours:		Durchgeführte Arbeiten: Work performed:
	Time since new TSN:	Time since inspection TSI:	
15.1.2024	00:00	—	Installed DA50C 50.C.A.A.055
20.2.2024	03:11	—	3-6 h Inspection of Centurion 3.0 performed i.a.w.OM-06-01 with read out of Real Time Log & Event Log Files Date: 20.2.2024
			Released by: _____
			Diamond Aircraft Ind. GmbH (AT.21G.0001) certifies that the work specified in Work Order No.: <u>AWO2302128-1,2,-3</u> was carried out in accordance with Part 21A.163(d) and in respect to that work the aircraft is considered ready for release to service.
			Certifying Staff: _____ Date: 27. Feb. 2024

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Part no.:

ENGINE MODEL: CD300
ENGINE S/N: 06-01-00084
REG. NO: 23DA
WORK ORDER:
10754-07-2024



Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hanger 14
Fort Lauderdale, FL 33309
Phone: (954) 334-2393

DATE: 7/19/2024
A/C TSN: 47.6
ENG TT: 47.6
TACH: 47.6

Datum, Unterschrift &
Lizenznummer:
Date, Signature &
license no.:

Engine Entries

(2) C/W CONTINENTAL SB CG-300-1001-P1-REV.1 50 HR OIL SAMPLE AND FILTER INSPECTION I/A/W OM-06-01 CH 6
ANNEX 18. SERVICED ENGINE WITH 1 LITER OF AEROSHELL DIESEL 5W30. PERFORMED ENGINE GROUND CHECK,
NO LEAKS NOTED.

DATE: 7/19/2024

SIGNED:

Raymond Ocasio, A&P: 3490527

Work Order: 10754-07-2024

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