

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

CONTINENTAL

AEROSPACE TECHNOLOGIES

1. Make

2. Model

3. Specification

4. Manufacturer's Serial
Number

5. Date of Manufacture

TAE 125-02-99

LEFT ENGINE

02-02-05276

DECEMBER 2020





3330 AIRPORT LOOP
SALISBURY NC 28147
OFFICE: 704-431-6862
INFO@SOUTHTECAVIATION.COM

FORMED:
(T)

MAY 6, 2021 | CONTINENTAL TAE 125-02-99 | LEFT ENGINE | S/N: 02-02-05276 | REG: N101DA
TACH: 616.0 HRS. TTE: 0.0 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE USING DIAMOND AIRCRAFT DA42 TDI
INSPECTION CHECKLIST AND CONTINENTAL DIESEL ENGINE MAINTENANCE MANUAL
CHECKLIST. **NO AD'S DUE AT THIS TIME.**

REMOVED THIELERT AIRCRAFT ENGINES GMBH ENGINE.

TYPE: TAE 125
MODEL: 01
P/N: 02-7200-14017R1
S/N: 02-01-0679

INSTALLED NEW CONTINENTAL AEROSPACE TECHNOLOGIES GMBH ENGINE.

TYPE: TAE 125
MODEL: 02-99
P/N: 05-7200-K000302
S/N: 02-02-05276

SEE SEPARATE "LOGBUCH MOTOREN" FOR COMPLETE LIST OF ENGINE MAIN COMPONENTS
AND SERVICE BULLETIN STATUSES.

PERFORMED OSB42-046/2 DIAMOND AIRCRAFT OPTIONAL SERVICE BULLETIN *RETROFIT OF
THE TAE 125-02-99 ENGINE, INCL. WI REV. 3.* USED DIAMOND UPGRADE KIT P/N:(OSB-42-046-1-
KIT) AND CONTINENTAL UPGRADE KIT 1.7-2.0.

FILLED ENGINE WITH 7 LITERS AEROSHELL DIESEL ULTRA 5W-30.
FILLED GEARBOX OIL WITH CENTURION N1 GEARBOX OIL.

GROUND RUN UP, OPERATIONAL AND LEAK CHECKS PERFORMED; NO FAULTS NOTED.

ALL WORK PERFORMED REFERENCING DIAMOND AIRCRAFT DA 42 TDI AND CONTINENTAL
DIESEL ENGINE MAINTENANCE MANUALS.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

CHRISTIAN HEDRICK

A&P 3740465 IA

THIS PAGE TOTALS						
PREVIOUS TOTALS						
TOTALS SINCE NEW						

CARRY FORWARD to Top of Next Page

DATE: MAY 20, 2021 | CONTINENTAL TAE 125-02-99 | LEFT ENGINE | S/N: 02-02-05276 | REG: N101DA
TACH: 618.7 HRS. TTE: 2.7 HRS.

PERFORMED 3RD-6TH OPERATING HOUR INSPECTION.

REPLACED GEARBOX OIL FILTER, P/N:(03-7212-K004001) AND FILTER CAP O-RING, P/N:(NM-0000-0150401).
CHECKED/ADJUSTED THE PRESETTING OF THE PROPORTIONAL PRESSURE REDUCING VALVE.

GROUND RUN UP, OPERATIONAL AND LEAK CHECKS PERFORMED; NO FAULTS NOTED.

ALL WORK PERFORMED REFERENCING DIAMOND AIRCRAFT DA 42 TDI AND CONTINENTAL DIESEL ENGINE
MAINTENANCE MANUALS.



CHRISTIAN HEDRICK

A&P 3740465 IA

DATE: 4-26-2022 | LEFT ENGINE | TAE 125-02-99 | S/N: 02-02-05276 | REG: N101DA
TACH: 737.8 HRS. TTE: 121.8 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT DA42 TDI INSPECTION CHECKLIST
AND CONTINENTAL DIESEL CD-135 CHECKLIST
NO AD'S DUE AT THIS TIME

CUT OIL FILTER AND INSPECTED FOR METAL, NONE NOTED.
COLLECTED OIL SAMPLE FOR ANALYSIS TO BE COMPLETED BY BLACKSTONE LABORATORIES.
FILLED ENGINE WITH 6 LITERS AEROSHELL DIESEL ULTRA 5W-30 AVIATION OIL.
SERVICED ENGINE WITH 100 HOUR KIT, P/N:(05-9900-S000108)
SERVICED GEARBOX WITH CENTERON N1 OIL

GROUND RAN ENGINE. OPERATIONAL AND LEAK CHECKS PERFORMED; NO FAULTS NOTED.
ALL WORK PERFORMED IAW DIAMOND DA 42 TDI AND CONTINENTAL CD-135 MAINTENANCE MANUAL

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO
BE IN AN AIRWORTHY CONDITION.



RONALD HOY

A&P 4183986 IA

ENGINE MODEL: TAE-125-02-99
ENGINE S/N (L): 02-02-05276
REG. NO: N101DA
WORK ORDER: 0719



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 1/13/2023
A/C TSN: 841.6
ENG TT (L): 225.6
FLIGHTTIME: 841.6

Left Engine Entries

- Changed engine oil and filter. Serviced with Aeroshell Diesel Ultra
- Changed gearbox oil and filter. Serviced with Centurion N1

DATE: 1/13/2023

SIGNED: 

Chad Cox, License: AP3782800 IA

Work Order: 0719

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