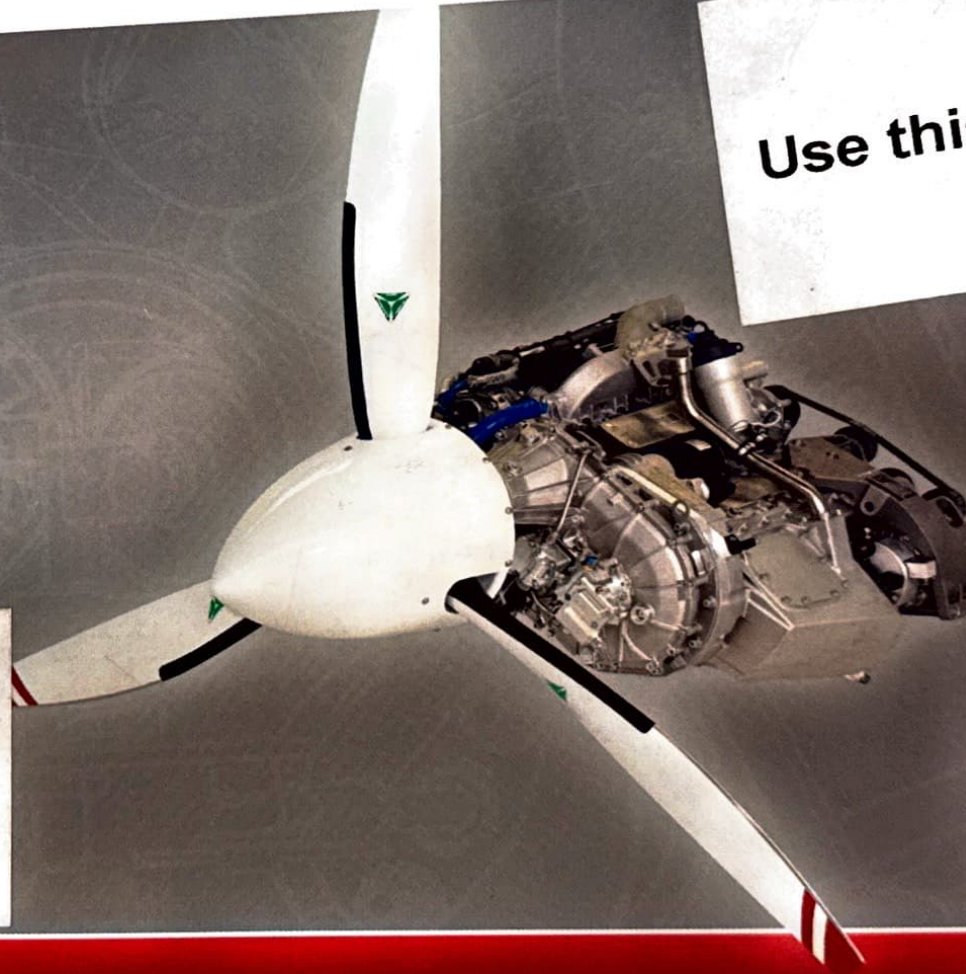


LOGBUCH MOTOREN

ENGINE LOGBOOK

CONTINENTAL
AEROSPACE TECHNOLOGIES

Use this book please



NG298A LH

S/N 02-02-05056

Wartungsübersicht / Maintenance record

Datum:
Date:

Betriebsstunden des Motors:
Engine hours:

Time since new
TSN:

Time since inspection
TSI:

Durchgeführte Arbeiten:
Work performed:

Lowe Aviation Services LLC 500 Aviation Way B5 Peachtree City, Georgia 30269 2LOR017D
LOG ID# 1721 WO# 51580/1 REF# 51580
N629SA S/N 42.AC011 DIAMOND AIRCRAFT IND DA 42 TACH 3151.4

Pg 1/1

INSTALLED NEW LH ENGINE 125-02-99 S/N 02-02-05056 ON N629SA SN: 42AC.011.
ETT: 0

INSPECTED ENGINE USING A CHECKLIST PREPARED IN ACCORDANCE WITH FAR 43 APPENDIX D.
SERVICED LEFT ENGINE 6 QUARTS OF ULTRA DIESEL 10W40. SERVICED GEARBOX WITH 1 LITRE OF CENTURION
N1 GEARBOX OIL. REMOVED MANIFOLD PRESSURE HOSES TO ECU. FABRICATED NEW HOSES FOR LH AND RH ECU
FROM -3 STRATOFLEX HOSE AND FITTINGS. GROUND RAN ENGINES AND SET PPRV PRESSURES. ENGINE RUN
AND LEAK CHECK OK AT THIS TIME.
ALL WORK PERFORMED IN REFERENCE WITH DIAMOND DA42 TDI MM AND TECHNIFY RM-02-02.
REMOVED AND REPLACED 2 EACH ALTERNATOR EXCITATION BATTERY PN: LC-R121R3P. OPERATIONAL CHECK
GOOD. NEXT REPLACEMENT DUE 12 MONTHS TIME IN SERVICE. WORK PERFORMED IN REFERENCE WITH DA42
AMM.
REMOVED AND REPLACED 4 EACH ECU BACKUP BATTERY PN: LC-R127R2P. NEXT REPLACEMENT DUE 12 MONTHS
TIME IN SERVICE. OPERATIONAL CHECK GOOD. WORK PERFORMED IN REFERENCE WITH DA42 AMM.
COMPLIED WITH AD 2018-10-10 BY INSPECTION OF TAIL PIPE AND BRACKET. BOTH LEFT-HAND AND
RIGHT-HAND TAIL PIPE FAILED INSPECTION DUE TO THE HEAT SHIELD BEING LOOSE AT SPOT WELD.
INSTALLED NEW RH TAIL PIPE PN: 52-7810-H000104 SN: 496 AND LH TAIL PIPE PN: 52-7810-H000104
SN: 511. WORK PERFORMED IN REFERENCE WITH DA42 AMM. NEXT BRACKET INSPECTION DUE AFTT 3176.4.
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN REFERENCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION AS OF THIS DATE. AD'S CHECKED THROUGH FAA AND ARE
CURRENT AS OF THIS DATE.

MAINTENANCE RELEASE / RETURN TO SERVICE CRS# 2LOR017D
THE AIRCRAFT, ENGINE, COMPONENT, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED IN
ACCORDANCE WITH CURRENT FEDERAL AVIATION AGENCY REGULATIONS AND IS HEREBY APPROVED FOR RETURN
TO SERVICE.

INSPECTOR / AUTHORIZED SIGNATURE

2LOR017D
CERTIFICATE

DATE

06-01-2020

Teile-

Part

ENGINE MODEL:
TAE-125-02-99
ENGINE S/N (L):
02-02-05056
REG. NO: 829SA
WORK ORDER:
8962-06-2020



Premier Aircraft Service, Inc.

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

DATE: 10/15/2020
A/C TSN: 3155.6
ENG TT (L): 4.2
FLIGHTTIME: 3155.6

Left Engine Entries

- (41) REPLACED LH ENGINE COOLANT TANK UPPER SHOCK MOUNT WITH NEW NM-0000-0024601 AND SUPPORT CLAMP PN NM-0000-012401 IAW DA42 TDI MM CH 75-00.
(43) RE SECURED LH ENGINE HP FUEL PUMP LINE FITTING IAW AC43.13-1B CH 7.
(54) ADJUSTED LH ENGINE WASTE GATE ACTUATOR & CSU PROPORTIONAL VALVE IAW RM-02-02 MM CH 72-40. PERFORMED ECU DOWNLOAD AND SENT TO CONTINENTAL. ENGINE RUN UP CHECKED GOOD.
(78) C/W DIAMOND RSB-42-097 INSTALLATION OF MAPP ELBOW FITTINGS ON LH ENGINE.
(83) REPLACED LH ENGINE MIDDLE COOLANT HOSE WITH NEW PN NM-0000-0056901 IAW DA42 TDI MM CH 75-00. NO LEAKS DETECTED AT THIS TIME.
(84) REPLACED LH ENGINE HEATING PIPE WITH NEW PN 52-2140-H002304 AND SERVICED COOLANT IAW DA42 TDI MM CH 75-00. NO LEAKS DETECTED AT THIS TIME.

DATE: 10/15/2020

SIGNED

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 8962-06-2020

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:
TAE-125-02-99
ENGINE S/N (L):
02-02-05056
REG. NO: 829SA
WORK ORDER:
8962-06-2020



Premier Aircraft Service, Inc.

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

DATE: 10/20/2020
A/C TSN: 3156.1
ENG TT (L): 4.7
FLIGHTTIME: 3156.1

Left Engine Entries

- (97) C/W 5 HR INSPECTION ON LH ENG SINCE NEW. REPLACED GEARBOX OIL FILTER WITH NEW PN 03-7212-K004001 IAW TECHNIFY OM 02-02 MM CH 6 AND RM 02-02 MM CH 72-00. NO DEFECTS NOTED AT THIS TIME.

DATE: 10/20/2020

SIGNED

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 8962-06-2020

Printed by EBis 3 (datcomedia.com)

ents

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

Datum:

Date:

Betriebss

Time since

TSN:

Left Engine logbook entry for N629SA
 Engine model TAE 125-02-99 S/N 02-02-05056
 10 December 2020 Tach = 3188.8 and TSN = 37.4
 Updated ECU A/B to firmware version D4-V1.80 and mapping version
 DA42 28V DM, F28D180DA42 per OM-02-02 I5R2 annex 17.

Brian S. Fisher
 Brian S. Fisher AP3671341IA

Make: Continental Aerospace Technologies
 Model: TAE 125-02-99
 Serial No: 02-02-05056



Date: 2/19/2021
 Tach Time: 3199.0
 Total Time: 47.6

Continental Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in **unairworthy** condition with respect to the work performed.

Work Performed Left: This engine was removed from the LH position of Diamond DA42 SN 42.AC011 N629SA.—END—

Authorized Signature for Repair Station 9CER853B: *Doug B. Wick*
 Details of the work performed are on file under Work Order No. AG-10032

Make: Continental Aerospace Technologies
Model: TAE 125-02-99
Serial No: 02-02-05056



Date: 11/3/2021
Tach Time: 3199.0
Total Time: 47.6

Continental Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

I certify that this engine has been inspected in accordance with an **annual** inspection and determined to be in airworthy condition.

Work Performed Left: This engine was reinstalled in the LH position of Diamond DA42 SN 42.AC011 N629SA. Engine was serviced with engine oil, gearbox oil and coolant. COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH THE SCOPE AND DETAIL OF THE ITEMS LISTED IN 14 CFR 43 APPENDIX D USING THE DIAMOND AIRCRAFT INDUSTRIES DA42 SERIES AMM MAINTENANCE PRACTICES CHECKLISTS AS A GUIDE. Complied with AD 2018-10-10 by installation of exhaust support bracket. Repetitive inspection is due at 3699.0 tach time. Completed ground operational checks. ---END---

Authorized Signature for Repair Station 9CER853B: Doug Bulice

Details of the work performed are on file under Work Order No. AC-10387

Make: Continental Aerospace Technologies
Model: TAE 125-02-99
Serial No: 02-02-05056



Date: 11/8/2021
Tach Time: 3202.6
Total Time: 51.2

Continental Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed Left: PERFORMED 3-6 HOUR POST INSTALLATION. EXCHANGED GEARBOX FLUID AND FILTER.----END----

Authorized Signature for Repair Station 9CER853B: Doug Bulice

Details of the work performed are on file under Work Order No. AC-10032

Datui
Date



Going your way every day since 1957
Left Engine Logbook Entry

Date: 2-25-2022
TSMOH: 145.1

Aircraft: N629SA
TTAF: 3296.5

SN: 42.AC011
Tach: 3296.5

100 hour inspection completed this date. Installed 100 hour service kits p/n 05-9900-S000108. Complied with fuel filter replacement. Complied with Gearbox filter replacement. Complied with proportional pressure reducing valve inspection. Adjusted the left proportional valve pressure to proper spec. Engine oil changed using Aeroshell Diesel Ultra. Gearbox oil changed using Centurion N1 p/n NV-0000-0221701. AD's checked thru CD2022-04. Runup and leak check good. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

A&P3296474IA

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040



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Aircraft Logbook Entry

Signature &
number:
signature &
no.:

Date: 7-22-2022
TSMOH: 244.8

Aircraft: N629SA
TTAF: 3396.2

SN: 42.AC011
Tach: 3396.2

100/200/Annual inspection completed this date. Completed all 100 hour requirements per the Continental CD-135 maintenance manual. Replaced fuel filter elements and gearbox elements included in 100 hour kit p/n 05-9900-S000108. Drained and serviced engine oil with new 5W50 Diesel Ultra. Drained and replaced gearbox oil with new p/n NV-0000-0221701 Centurian N1 Gearbox oil. Checked Proportional pressure reducing valve. AD's checked thru CD2022-14. Complied with AD2018-10-10 by inspection of the tail pipe and clamps. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

A&P3296474IA

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Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 270.3 TSMOH: 270.3

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 8/30/2022
TTA: 3421.7
Tach: 3421.7
Hobbs: 4585.6

Maintenance Record Engine(LEFT)

Performed FADEC Download of L/H Engine and sent data to Continental for processing

Russell Letcher
A&P 4175600

Datu
Date



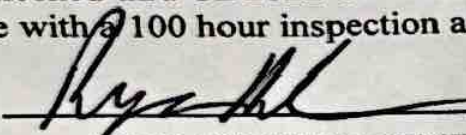
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Left Engine Logbook Entry

Date: 2-10-2023
TSMOH: 334.8

Aircraft: N629SA
TTAF: 3486.2

SN: 42.AC011
Tach: 3486.2

100 hour inspection completed this date. Installed 100 hour service kits p/n 05-9900-S000108. Complied with fuel filter replacement. Complied with Gearbox filter replacement. Complied with proportional pressure reducing valve inspection. Engine oil changed using Aeroshell Diesel Ultra. Gearbox oil changed using Centurion N1 p/n NV-0000-0221701. AD's checked thru CD2022-04. Runup and leak check good. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

 A&P3296474IA
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Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 337.3 TSMOH: 337.3

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 2/12/2023
TTA: 3488.7
Tach: 3488.7
Hobbs: 4697.1

Workorder reference: 2292

R&R L/H fuel filter bowl lower o-ring with new P/N NM-0000-0026401 IAW DA42 AMM. Leak check good.

Russell Letcher
A&P 4175600





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Left engine Logbook Entry

Date: 5-26-2023
TSMOH: 394.6

Aircraft: N629SA
TTAF: 3546.0

SN: 42AC011
Tach: 3546.0

100 hour inspection complied with this date. Complied with all 100 hour requirements per the Continental CD-135 maintenance manual. Replaced Fuel filter and gearbox filter with new included in the 100 hour kit p/n 05-9900-S000108. Changed engine oil using 5W50 Diesel Ultra. Changed gearbox oil using Centurian N1 gearbox oil. Inspected proportional pressure reducing valve. AD's checked thru CD2023-11. Complied with AD2018-10-10 by inspection of the tailpipe and clamping. I certify that this engine has been inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition.

A&P3296474IA

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

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no.:



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Aircraft Logbook Entry

Date: 9-25-2023
TTE: 449.1

Aircraft: N629SA
TTAF: 3600.5

SN: 42.AC011
Tach: 3600.5

Annual inspection completed this date. Complied with 100/200 hour requirements. Complied with Continental 100 hour inspection criteria using kit p/n 05-9900-S000108. Replaced gearbox oil with new p/n NV-0000-0221701. Replaced gearbox filter with new. Replaced engine oil with new 5W50 Diesel Ultra. AD's checked thru CD2023-16. Complied with AD2018-10-10 by inspection of the exhaust and clamping. AD 2023-01-08 on the main bearing studs was found previously complied with at the Continental factory during the repairs completed 11-3-21 per email from Continental Technical Support. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

A&P3296474IA

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040



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Left Engine Logbook Entry

Unterschrift &
nummer:
Signature &
ense no.:

Date: 3-20-2024
TSMOH: 551.2

Aircraft: N629SA
TTAF: 3702.6

SN: 42.AC011
Tach: 3702.6

100 hour inspection completed this date. Changed engine oil using 5W30 Diesel Ultra. Changed gearbox oil using Centurian N1 p/n NV-0000-0221701. Changed gearbox, fuel, and oil filters using 100 hour kit p/n 05-9900-S000108. Complied with Proportional pressure reducing valve inspection. Complied with Dual mass flywheel inspection. Replaced alternator with an overhauled unit p/n 05-7150-E001902 s/n 04991. Replaced high pressure fuel pump with an overhauled unit p/n 05-7312-K005303 s/n 2438. Replaced rail pressure control valve with a new unit p/n 05-7320-E000703. Replaced coolant using Zerex G48 coolant. Runup and operational check good. I certify that this engine has been inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.

A&P3296474IA

CHARTER - AIRCRAFT MANAGEMENT - FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 553.6 TSMOH: 553.6

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Maintenance Record Engine(LEFT)

Removed LH engine upper cowlings. Serviced LH engine gearbox oil. Reinstalled LH engine cowlings. Ran engines, leak/ops checks were good.
White, Gabe *Gabe White* A&P 4195784 END

Date: 4/8/2024
TTA: 3705.0
Tach: 3705.0
Hobbs: 5059.9

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 652.0 TSMOH: 652.0

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Lexington, KY 40510

Maintenance Record Engine(LEFT)

Performed a 100 hour inspection IAW 14 CFR Part 43, Appendix D, using Diamond DA42 AMM and Continental RM and OM as a guide. Changed Engine Oil w/ 5W30 Diesel Ultra. Changed Gearbox Oil w/ Centurian N1 P/N NV-0000-0221701. Changed Gearbox, Fuel, and Oil Filters using 100hr Kit P/N 05-9900-S000108. C/W Proportional Pressure Reducing Valve inspection. Ops checks good. All work performed IAW DA42 AMM, Continental RM and OM, and MT prop manual. I certify that this Engine has been inspected IAW a 100 hour inspection and has been determined to be in airworthy condition in regards to items inspected and repaired.

Date: 7/16/2024
TTA: 3803.4
Tach: 3803.4
Hobbs: 5239.8

Gabriel White
A&P 4195784

Gabe White

Tei



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Aircraft Logbook Entry

Signature &
number &
38 NO.

Date: 11-1-2024
TSMOH: 738.9

Aircraft: N629SA
TTAF: 3890.3

SN: 42.AC011
Tach: 3890.3

Annual inspection completed this date. All 100 and 200 hour inspections complied with. Oil changed using 5W30 Diesel Ultra. Gearbox oil changed using Centurian N1. Installed 100 hour kit p/n 05-9900-S000108. Complied with proportional pressure reducing valve inspection. Complied with gearbox filter replacement pre 100 hour kit. Complied with fuel filter replacement per 100 hour kit. AD's checked thru CD2020-24. Complied with AD2018-10-10 by inspection of the exhaust and clamping. Runup and leak test good. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

CHARTER

AIRCRAFT MANAGEMENT

A&P3296474IA

FULL SERVICE FBO - MAINTENANCE

Don Davis Aviation, Inc - 2154 Hwy 136 West - Henderson, KY 42420 - Telephone 270 826 6000 - Fax 270 826 6040

Reg: N629SA

Model: Continental 02-99

SN: 02-02-05056

TTE: 775.5 TSMOH: 775.5

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Date:

TTA:

Tach:

Hobbs:

12/3/2024

3926.9

3926.9

5434.9

Maintenance Record Engine(LEFT)

Workorder Reference: 2686

Removed LH engine upper cowlings. Serviced LH engine gearbox oil. Reinstalled LH engine cowlings. Ran engines. leak/ops checks were good.
-----White, Gabe Lebenware A&P 4195784-----END-----

Wartungsübersicht / Maintenance record

atum:
Date:

Betriebsstunden des Motors:
Engine hours:

Time since new

TSN:

Time since inspection

TSI:

Durchgeführte Arbeiten:
Work performed:

g: N629SA

odel: Continental 02-99

N: 02-02-05056

TE: 809.3 TSMOH: 809.3

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 2/20/2025

TTA: 3960.7

Tach: 3960.7

Hobbs: 5511.4

Nexgen WO#:2703

Serviced LH Engine gearbox oils with N1 Centurion Gerabox oil.

Replaced LH Enigne turob charger to intercooler clamps.

LH Engine de-ice nozzle was loose, tightened & safetied.

Performed a Discrepancy Repair inspection in accordance with DIAMOND AIRCRAFT IND DA 42 maintenance manual and Part 43 Appendix D.
I state this Engine is okay for return to service.

Braun-Porter, Dareian

Asst 3917311 IA

Dareian Braun-Porter

Austausch von Ausrüstungsteilen / Exchange of equipments

Teile- u. Seriennummer:

Bezeichnung:

Einbau:

Ausbau:

Datum, Unterschrift

Lizenznummer:

Reg: N629SA

Model: Continental 02-99

SN: 02-02-05056

TTE: 809.3 TSMOH: 809.3

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 3/5/2025

TTA: 3960.7

Tach: 3960.7

Hobbs: 5511.4

Work #: 2712 TBAM WO#: F25617

Serviced LH Engine coolants per Diamond DA42 NG AMM 12-10-00 (A), with G48 Coolant. Ops ck good.

I State that this Engine has been inspected in accordance with a Discrepancy Repair inspection and has been determined to be okay for service.

Darrian Porter Braun-Porter, Dareian
A8917311 IA

Wartungsübersicht / Maintenance record

Datum: Date:	Betriebsstunden des Motors: Engine hours:		Durchgeführte Arbeiten: Work performed:
	Time since new TSN:	Time since inspection TSI:	

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 821.5 TSMOH: 0

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

Date: 3/21/2025
TTA: 3972.9
Tach: 3972.9
Hobbs: 5511.4

Maintenance Record Engine(LEFT)

WO#: 2716

- Installed all items that applied to Engine from the 100Hr. kit, P/N: 05-9900-S000108.
- Drained Engine oil, Replaced filter (P/N: 05-7253-K004401), Inspected old filter no noted contaminants, Serviced Engine oil with Aeroshell Diesel Ultra 5W30.
- Drained Gearbox oil, Replaced filter (P/N: 03-7212-K004001), Inspected old filter no noted contaminants, Serviced Gearbox oil with Centurian N1.
- Replaced Fuel filter (P/N: 05-7310-K002001), Inspected old filter no noted contaminants.
- Performed proportional pressure reducing valve inspection.
- Inspected Coolant mixture ratio & performed pressure test of the Coolant Sys.
- Removed & Installed new vibration dampers for the coolant tank & water cooler, P/N's: NM-0000-0023101 & NM-0000-0159101.
- C/W AD2018-10-10 per WI-MSB 42-120. Next EXH SYS 500hr. INSP is due at Tach 4472.9. EXH Clamp 25hr INSP is due at Tach 3997.9.
- All AD's current.
- Ran Engine ops. cks. & leak cks good. Downloaded FADEC Real Time & Event Logs & submitted them to Continental.

Performed 100 hour inspections IAW Diamond DA42 NG Mx Checklist & Continental CD-135 Checklist to include the scope & detail of FAR Part 43 Appendix D.

I certify that this Engine has been inspected in accordance with a 100 HOUR inspection and has been determined to be in airworthy condition.

Dareian Braun-Porter

Braun-Porter, Dareian
A&P 3917311 IA

Austausch von Ausrüstungsteilen / Exchange of equipments

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 843.2 TSMOH: 843.2

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

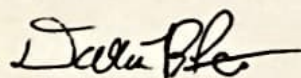
Maintenance Record Engine(LEFT)

Date: 4/21/2025
TTA: 3994.6
Tach: 3994.6
Hobbs: 5511.4

Workorder #: 2731

-- AD 2018-10-10 C/W Inspection. Repetitive inspection due thereafter at intervals not to exceed 500 hours TIS due at Tach 4472.9. Did inspection following III.3 Action 3 Inspection of exhaust clamp for cracks IAW WI-MSB 42-120, Revision 3, dated July 6, 2017, or Revision 4, dated December 20, 2017 every 25hr TIS due at tach 4019.60.

I State that this Engine has been serviced in accordance with Continental DM-02-02 MM and has been determined to be okay for service.



Braun-Porter, Dareian
A&P 3917311 IA

Reg: N629SA
Model: Continental 02-99
SN: 02-02-05056
TTE: 893.1 TSMOH: 893.1

NexGen Aviation
4144 Aviator Rd, Suite 100
Lexington, KY 40510

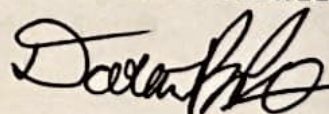
Maintenance Record Engine(LEFT)

Date: 6/3/2025
TTA: 4044.5
Tach: 4044.5
Hobbs: 5511.4

Workorder #: 2753

-- AD 2018-10-10 C/W Inspection. Did inspection following III.3 Action 3 Inspection of exhaust clamp for cracks IAW WI-MSB 42-120, Revision 3, dated July 6, 2017, or Revision 4, dated December 20, 2017. Next INSP Due 25hr TIS due at tach 4069.5.

I State that this Engine has been serviced in accordance with Continental DM-02-02 MM and has been determined to be okay for service.



Braun-Porter, Dareian
A&P 3917311 IA

Wartungsübersicht / Maintenance record

Datum:

Date:

Betriebsstunden des Motors:

Engine hours:

Time since new

TSN:

Time since inspection

TSI:

Durchgeführte Arbeiten:

Work performed:

Reg: N629SA

Model: Continental 02-99

SN: 02-02-05056

TTE: 902.3 TSMOH: 902.3

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 7/24/2025

TTA: 4053.7

Tach: 4053.7

Hobbs: 5511.4

Workorder #:2783

--Removed & Replaced with new the Boost Control valve Filter, P/M: 02-7240-05300R1.

--Removed & Replaced with new the Induction Filter, P/N: RB-0700.

--Removed & Replaced with new the LH ENG #2 Fuel Injector, P/N:05-3940-K003501. Installed with new Hold down Screw, P/N: 05-7313-K000801. Installed with new Injector Sealing Ring, P/N: NV-0000-0024401. Installed with new Fuel Return Packing P/N:05-7313-K001801.

--Ground run good.

I State that this Engine has been Serviced in accordance with Diamond DA42 AMM, Continantal OM-02-02, & RM-02-02 and has been determined to be okay for service.



Braun-Porter, Dareian
A&P 3917311 IA

Austausch von Ausrüstungsteilen / Exchange of equipments

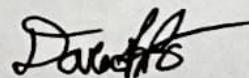
Teile- u. Seriennummer:		Bezeichnung:	Einbau: <i>In:</i>		Ausbau: <i>Out:</i>		Datum, Unterschrift & Lizenznummer:
Part no.:	Serial no.:	Part / Name:	Time since new TSN:	Time since inspection TSI:	Time since new TSN:	Time since inspection TSI:	Date, Signature & license no.:

Reg: N629SA	NexGen Aviation					Date:	9/17/2025
Model: Continental 02-99	4144 Aviator Rd, Suite 100					TTA:	4070.6
SN: 02-02-05056	Lexington, KY 40510					Tach:	4070.6
TTE: 919.2 TSMOH: 919.2	Maintenance Record Engine(LEFT)					Hobbs:	5511.4

Workorder #: 2817

- Performed Pre-MX ground run & ops. cks.
- Drained Engine oil, Replaced filter (P/N: 05-7253-K004401), Inspected old filter no noted contaminants, Serviced Engine oil with Aeroshell Diesel Ultra 5W30.
- Drained Gearbox oil, Replaced filter (P/N: 03-7212-K004001), Inspected old filter no noted contaminants, Serviced Gearbox oil with Castrol M1.
- Replaced Fuel filter (P/N: 05-7310-K002001), Inspected old filter no noted contaminants.
- Installed all items that applied to Engine from the 100Hr. kit, P/N: 05-9900-S000108.
- Performed proportional pressure reducing valve inspection.
- Inspected Coolant mixture ratio & performed pressure test of the Coolant Sys.
- C/W AD2018-10-10 per W1-MSB 42-120. Next EHX SYS 500hr. INSP is due at Tach 4472.9. EXH Clamp 25hr INSP is due at Tach 4095.6.
- All AD's current.
- Post MX ground run, ops. cks. & leak cks., all good. Downloaded FADEC Real Time & Event Logs & submitted them to Continental.
- Performed Annual Inspection IAW Diamond DA42 TDI 100hr. Checklist & Continental CD-135 OMM 100 Hr., 200 Hr., & 900 Hr. Checklists to include the scope & detail of FAR Part 43 Appendix D.

I certify that this Engine has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition.



Braun-Porter, Dareian
A&P 3917311 IA

Wartungsübersicht / Maintenance record

Datum:
Date:

Betriebsstunden des Motors:
Engine hours:

Time since new

TSN:

Time since inspection

TSI:

Durchgeführte Arbeiten:
Work performed:

Reg: N629SA

Model: Continental 02-99

SN: 02-02-05056

TTE: 920.5 TSMOH: 920.5

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 9/18/2025

TTA: 4071.9

Tach: 4071.9

Hobbs: 5511.4

Workorder #: 2818

-Pilot reported LH Engine ECU Fault. Connected FADEC CAN Tool. Found 1 Cam Sensor fault code. Performed FIM 51.1 & 51.2. No defects noted. Swapped CAM Sensor A & B for T/S. Cleared fault code. Performed Engine run & ops. ck. all good, no faults recorded.

I State that this Engine has been serviced in accordance with a Continental CD-135 RM-02-02 and has been determined to be okay for service.



Braun-Porter, Dareian
A&P 3917311 IA

Reg: N629SA

Model: Continental 02-99

SN: 02-02-05056

TTE: 928.6 TSMOH: 928.6

NexGen Aviation

4144 Aviator Rd, Suite 100

Lexington, KY 40510

Maintenance Record Engine(LEFT)

Date: 10/10/2025

TTA: 4080.

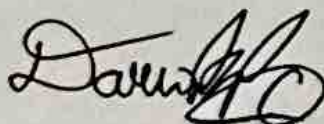
Tach: 4080.

Hobbs: 5511.

Workorder #: 2828

-LH Gearbox oil needed to be topped off. Used Centurion Gearbox Oil N1, P/N: NV-000-0221701.

I State that this Engine has been serviced in accordance with Diamond DA42 AMM, Continental OM-02-02 and has been determined to be okay for service.



Braun-Porter, Dareian
A&P 3917311 IA