



04/25/2025

Make/Model: Austro E4-A

Tach: 1025.4 ETT: 1025.4

REG: N499BW

S/N: E4-A-00482

Engine Logbook

LICENCE:

AME or
AMO/ACA

Performed 100hr inspection to the scope and detail of 14 CFR Part 43 Appendix D Checklist, Ref. Austro Engine E4 Series Maintenance Manual Time Limits and Maintenance Check, 05-20-00 Scheduled Maintenance Checks, E4.08.04 Rev. 29. Inspected fuel and oil hoses, engine isolators, electrical and indication wiring. Affected small repairs were required. Cleaned and oiled air cleaner, replaced fuel filter P/N WK724/3, replaced oil filter P/N HU 615/3x. Drained oil and reserviced with 7qts Castrol Edge 5W/40. Drained gearbox oil and reserviced with 2 qts Shell Spirax GSX 75-W80, removed cleaned and reinstalled filter. Drained coolant and serviced with Zerex G48 50/50 mix. Lubricated controls and cleaned engine. Timing chain check performed per 85-40-00, within limits, next due 1500 ETT. Checked new and recurring AD's to bi-weekly 2025-07, the following recurring AD's were C/W as Indicated: AD 2016-23-03, V band clamp insp, no defects, reinspect 1125.4 AFTT. AD 2024-19-10 N/A, Engine serial number per Mandatory Service Bulletin No. MSB-E4-043/0, Table 1. no internal engine work recorded in engine records. I certify that this Engine has been inspected IAW 100hr inspection checklist and determined to in airworthy condition for safe and continued operation IAW FAA approved Type Certificate and is approved for return to service.



01/11/2025

REG: N499BW

Make/Model: Austro E4-A

S/N E4-A-00482

Hobbs: 1302.1

Tach: 969.6

ETT: 969.2

Engine Logbook

Performed 100hr inspection to the scope and detail of 14 CFR Part 43 Appendix D Checklist, Ref. Austro Engine E4 Series Maintenance Manual Time Limits and Maintenance Check, 05-20-00 Scheduled Maintenance Checks, E4.08.04 Rev. 29. Inspected fuel and oil hoses, engine isolators, electrical and indication wiring. Affected small repairs were required. Cleaned and oiled air cleaner, replaced fuel filter P/N WK724/3, replaced oil filter P/N HU 615/3x. Drained oil and reserviced with 7qts Castrol Edge 5W/40. Drained gearbox oil and reserviced with 2 qts Shell Spirax GSX 75-W80, removed cleaned and reinstalled filter. Lubricated controls and cleaned engine. Checked new and recurring AD's to bi-weekly 2025-01, the following recurring AD's were C/W as Indicated: AD 2016-23-03, V band clamp insp, no defects, reinspect 1069.2 AFTT. I certify that this Engine has been inspected IAW 100hr inspection checklist and determined to in airworthy condition for safe and continued operation IAW FAA approved Type Certificate and is approved for return to service.



NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

08/01/2024 REG: N499BW Make/Model: Diamond DA-40NG
Hobbs: 1189.2 Tach: 821.6 TTAF: 821.6

S/N 40.NC020

Airframe Logbook

Drained coolant reservoir and removed coolant level sensor. Installed new coolant level sensor P/N D4D-9075-26-26, S/N RC240418 (1), using new gasket. Refilled coolant and performed ground run, leak check good. Serviced coolant to full. All Maintenance performed per Diamond DA 40 NG AMM, Doc#6.02.15, Rev. 3 task 75-00-00, 5.

N499BW
DA 40 NG
S/N: 40.NC020

Airframe

Date: 10/30/24
Tach: 888.3
Hobbs: 1280.7

Troubleshoot Com system. Removed pilot and copilot seats and disconnected fuel selector knob with center console to gain access to audio jack assembly. Removed old pilot, copilot, and pass. mic and phone jacks and installed four new P/N: S12B and four new P/N: SWC-12B and reinstalled center console and seats IAW Diamond maintenance manual Doc # 6.02.15 Rev. 5. Ops checked system OK.



04/25/2025
Make/Model: Diamond DA-40NG
Tach: 1025.4 TTAF: 1025.4

REG: N499BW
S/N: 40.NC020
Airframe Logbook

Performed Annual inspection to the scope and detail of 14 CFR Part 43 Appendix D Checklist, Ref. Diamond DA-40NG AMM Section 05-28 Maintenance checklist 100, 200 & 1000hr interval checks. Inspected all cables, pulleys and turnbuckles. Cleaned, inspected and repacked all wheel bearings. Checked cable tensions and fairleads Inspected the ELT system in this aircraft in accordance with AC43.13-1B paragraphs 12-21 and 12-22 and found that it meets the requirements of FAR 91.207(d). ELT Battery exp. date: Jun 2025. Lubricated in accordance with Diamond AMM lubrication schedule. Replaced 2ea ECU batteries with P/N DURA12-7F2, next due 4/26. Verified proper function Essential Bus per Section 24-60 next due: 1025.4. Tested Bonding system and static discharging system, Resistance measurements within limits per Section 51-80, next due 2025.4. Complied with FAR part 39, AD research through Bi-weekly 2025-07. There were no new applicable AD's to this aircraft, the following recurring Ads were C/W as indicated: AD 2016-23-03, V band clamp insp, no defects, reinspect 1125.4 AFTT. I certify that this Aircraft has been inspected IAW Annual inspection and determined to in airworthy condition for safe and continued operation IAW FAA approved Type Certificate and is approved for return to service.