

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

AUTHORISED RELEASE CERTIFICATE EASA FORM 1

AE04401

1. Approving Competent Authority / Country
**Austro Control GmbH
Austria**

4. Organisation
Name and Address

Austro Engine GmbH
Rudolf Diesel Straße 11
2700 Wr. Neustadt, AUSTRIA

5. Work Order / Contract / Invoice
ES230071

6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / Work
1	Engine Configuration A	E4A-00-000-BHY Iss. 014	1	E4-A-06438	New

12. Remarks

General The engine conforms to the type design approved by Canadian Department of Transport Type Certificate IE-68.
General The engine complies with the applicable airworthiness directives.
Item 1 The engine conforms to EASA TCDS E.200 Issue 12; Damper assy P/N: D44-7306-30-00_1 (EASA Form1: AJ76637)
Item 1 Fuel hose assy P/N: A24119-01 (EASA Form1: 236528). Cleaned and installed acc. AE APA_Pulsationsdämpfer-Aufbau_190618.

13a. Certifies that the items identified above were manufactured in conformity to:

- ☒ approved design data and are in condition for safe operation
☐ non-approved design data specified in block 12

14a. ☐ Part-145.A.50 Release to Service ☐ Other regulation specified in block 12
Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 was accomplished in accordance with Part-145 and in respect to that work, the items are considered ready for release to service.

13b. Authorised Signature

[Signature]

13c. Approval / Authorisation Number

AT.21G.0010

14b. Authorised Signature

14c. Certificate / Approval Reference Number

13d. Name



13e. Date (dd mmm yyyy)

12 JAN 2023

14d. Name

14e. Date (dd mmm yyyy)

USER / INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

ENGINE LOG

- | | |
|----------------------------------|---------------------|
| 1. Make: | Austro Engines GmbH |
| 2. Model: | E4-A |
| 3. Specification: | E00081EN |
| 4. Manufacturer's Serial Number: | E4-A-06438 |
| 5. Date of Manufacture: | JANUARY 12 2023 |
| 6. Aircraft Inspection Cycle: | |





DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

Registration:	N301MJ
AC Serial Number:	40.NC229
Engine Serial Number:	E4-A-06438
Prop Serial Number:	220547
Airframe Total Time:	3.2 HRS

- Total Time Engine Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.2 HRS
- Engine installed new on Aircraft DA 40 NG, S/N: 40.NC229
- **Bi-weekly AWD check carried out to current revision 2023-07 all applicable AD's complied with, see attached.**
- The work described above was carried out IAW the applicable Standard of Airworthiness.

DA
Q 8

Inspector

MAR 31 2023

Date _____

(Intentionally left blank below this point)



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

DATE: JANUARY 22, 2024 | AUSTRO E4-A | S/N: E4-A-06438 | REG: N301MJ
TACH: 25.2 HRS. TTE: 25.2 HRS.

- REMOVED AND REPLACED ELECTRIC CHANGE OVER VALVE. P/N E4A-41-300-801
- REMOVED AND REPLACED FUEL INJECTORS. P/N E4A-35-100-000 USING NEW BOLTS. P/N E4A-03-000-201

GROUND RAN ENGINE, NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH DA40NG MAINTENANCE MANUAL AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

TIMOTHY D JORDAN

A&P/IA 3264477

[illegible]

CARRY FORW

Next Page

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

CENCE:
ME or
AO/ACA

ANNUAL INSPECTION COMPLETED THIS DATE USING DIAMOND AIRCRAFT DA40 NG INSPECTION CHECKLIST, AIRPLANE MAINTENANCE MANUAL, AND AUSTRO MAINTENANCE MANUAL E4 SERIES.

CHECKED AD'S THROUGH 2024-02 NO AD'S DUE AT THIS TIME.

AD 20-14-07 TIMING CHAIN EXSESIVE WEAR AND FUEL INJECTOR FAILURES. DUE AT TACH: 900.0 OR ANY WINDMILL RESTART.

- REMOVED AND REPLACED HPP P/N E4A-30-200-000ISS.AA.1 S/N 22-11-21-02-00547.
- CUT OIL FILTER, NO METAL NOTED.
- COLLECTED OIL SAMPLE FOR ANALYSIS TO BE PREFORMED BY BLACKSTONE LABORATORIES.
- CHANGED OIL AND SERVICED ENGINE WITH 7 QTS OF AEROSHELL DIESEL ULTRA.
- REPLACED OIL FILTER ORING, P/N: E4A-52-300-KIT
- REPLACED FUEL FILTER, P/N:(WK724-3).

GROUND RAN ENGINE, NO FAULTS NOTED.

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


TIMOTHY D JORDAN

A&P/IA 3264477