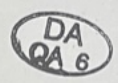


AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

1. Approving Competent Authority / Country Austro Control GmbH Austria		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number AE035192	
4. Organisation Name and Address		Austro Engine GmbH Rudolf Diesel Straße 11 2700 Wr. Neustadt, AUSTRIA			5. Work Order / Contract / Invoice ES202579	
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / Work	
1	Engine Configuration A	E4A-00-000-AHY Iss. 011	1	E4-A-05091	New	

RC2010472



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: AJ58478)
 Item 1 Fuel hose assy P/N: A24119-01 (EASA Form1: 229236). Cleaned and installed acc. AE APA_Pulsationsdämpfer-Aufbau_190618.

13a. Certifies that the items identified above were manufactured in conformity to: <input checked="" type="checkbox"/> approved design data and are in condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12		14a. <input type="checkbox"/> Part-145.A.50 Release to Service <input type="checkbox"/> 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 	13c. Approval /Authorisation Number AT.21G.0010	14b. Authorised Signature	14c. Certificate / Approval Reference Number
13d. Name 	13e. Date (dd mmm yyyy) 14 DEC 2020	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-05091 |
| 5. Date of Manufacture: | DEC 14 2020 |
| 6. Aircraft Inspection Cycle: | |



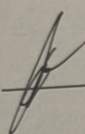
Section 3A: Engine Service and Maintenance Log



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

Registration: N226DA
AC Serial Number: 40.NC126
Engine Serial Number: E4-A-05091
Prop Serial Number: 201372
Airframe Total Time: 3.1 HRS

- Total Time Engine Brought forward from Flight Test Journey Log (DAI - Form Q-157): 3.1 HRS
- Engine installed new on Aircraft DA 40 NG, S/N: 40.NC126
- The following STC's are incorporated:
 - No STC's incorporated
- Bi-weekly AWD check carried out to current revision 2021-03 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.


Inspector

FEB 05 2021
Date

(Intentionally left blank below this point)



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED
MAINTENANCE
ORGANIZATION 161-93

Diamond Aircraft Work Order: SO 072913

Registration: N226DA
AC Serial Number: 40.NC126
Airframe Total Time: 3.1 hrs
Engine SN: E4-A-05091
Engine TT: 3.1 hrs
Prop SN: 201372
Prop TT: 3.1 hrs

The Following Maintenance was Performed:

- Engine oil pump PN: E4A-50-000-BHY SN: 0394 replaced IAW **EASA AD No: 2021-0055-E and Austro Engine MSB-E4-030/2.** New oil pump PN: E4A-50-000-000 installed. Engine ground run and leak check carried out, found serviceable.
- Prop governor speed stop adjusted 3/8 turn out.
- Re torqued fuel filter housing fittings.
- Fuel filter PN: WK724_3 replaced

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness

ACA: _____



Date: MAR 03 2021

ENGINE MODEL: AE300
ENGINE S/N: E4-A-05091
REG. NO: N226DA
WORK ORDER: 0504



Premier Aircraft Service, Inc.

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

DATE: 1/6/2022
A/C TSN: 90.1
ENG TT: 90.1
HOBBS: 122.6

Engine Entries

- Changed engine oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Changed gear oil and inspected filter and chip collector. Serviced with Spirax S6 GXME
- AD 2021-17-01 (oil pump) PCW MSB-E4-030/2
- AD 2021-22-20 Replaced HPP gear with new E4A-30-000-201 Rev. AE.1 S/N 4427 IAW MSB-E4-036/1
- AD 2021-24-10 (oil pump) N/A by P/N

DATE: 1/6/2022

SIGNED: _____

David Seastead, License: AP3492477 IA

Work Order: 0504

Printed by EBis 3 (datcomedia.com)

wo: N226DA Warranty 2022.02.11



Diamond Fleet & Aviation Service · 5070 S. Collins S. Suite 205 · Arlington, TX 76018 · 9012474808

LICENCE:
AME or
AMO/ACA

N226DA
TACH: 116.5

Austro Engine, AE300 E-4A, S/N: E4-A-05091

February 11, 2022

AE300 E-4A AE300 4cyl Diesel Engine PN: AE300 E-4A, SN: E4-A-05091,

Removed Propeller Governor P/N: P-853-16 serial #: 20G754-KG and replaced with new-serviceable Propeller Governor P/N: P-853-16 serial #: 21G12698-KG IAW current DA40NG AMM and current E4 Austro EMM.

With respect to the work performed, this engine has been found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Diamond Fleet & Aviation Service under work order: N226DA Warranty 2022.02.11 .

Austin Paden A/P 4494928

ENGINE MODEL: AE300
ENGINE S/N: E4-A-05091
REG. NO: N226DA
WORK ORDER: 0509



Premier Aircraft Service, Inc.

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

DATE: 3/1/2022
A/C TSN: 116.7
ENG TT: 116.7
HOBSBS: 161.4

Engine Entries

- Performed 100 Hour Inspection using DA40NG AMM as a guide

I certify this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 3/1/2022

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0509

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: AE300
ENGINE S/N: E4-A-05091
REG. NO: N226DA
WORK ORDER: 0539



Premier Aircraft Service, Inc.

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

DATE: 3/16/2022
A/C TSN: 126.3
ENG TT: 126.3
HOBSBS: 176.3

Engine Entries

- SL71-3 Adjusted governor pitch stops

DATE: 3/16/2022

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0539

Printed by EBis 3 (datcomedia.com)

wo: N226DA 2022.03.28 Unscheduled



Diamond Fleet & Aviation Service · 5070 S. Collins S. Suite 205 · Arlington, TX 76018 · 9012474808

N226DA
TACH: 137.2

Austro Engine, AE300 E-4A, S/N: E4-A-05091

March 28, 2022

AE300 E-4A AE300 4cyl Diesel Engine PN: AE300 E-4A, SN: E4-A-05091,

1. Engine Coolant Level Low – Serviced Coolant system with G48 IAW DA40-AMM & AE300-EMM
2. Engine Oil Level Low – Serviced Engine Oil w/ Aeroshell Diesel Ultra IAW DA40-AFM

With respect to the work performed, this engine has been found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Diamond Fleet & Aviation Service under work order: N226DA 2022.03.28 Unscheduled

Michael Smith A/P 3906663