

1. Approving Competent Authority / Country
Austro Control GmbH
Austria

AUTHORISED RELEASE CERTIFICATE
EASA FORM 1

3. Form Tracking Number
AE046318

4. Organisation Name and Address
Austro Engine GmbH
 Rudolf Diesel Straße 11
 2700 Wr. Neustadt, AUSTRIA

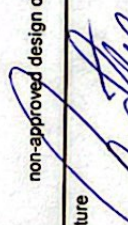
5. Work Order / Contract / Invoice
ES231959

6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / Work
1	E4PC Engine	E4PC-00-000-BHY Iss. 008	1	E4P-C-06317	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: AJ82505)
 Item 1 Fuel hose assy P/N: A24119-01 (EASA Form1: 240603). 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

 13c. Approval / Authorisation Number
AT.21G.0010

14b. Authorised Signature
 14c. Certificate / Approva Reference Number

13d. Name

 P. Schöller
 Cert. Staff
 17.210
 13e. Date (dd mmm yyyy)
28 JUL 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.

EASA Form 1 - 21 Issue 2
 File_gabe: 01.Sept. 2019 / C. Prinsinger

Section 3A: Engine Service and Maintenance Log

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

Registration: N456SA
 AC Serial Number: 62.C066
 LH Engine Serial Number: E4P-C-06317
 RH Engine Serial Number: E4P-C-06299
 LH Prop Serial Number: 231292
 RH Prop Serial Number: 231291
 Airframe Total Time: 5.8 HRS

- LH Engine Total Time brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 5.8 HRS
- LH Engine installed new on Aircraft DA 62, S/N: 62.C066
- Bi-weekly AWD check carried out to current revision 2023-26 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.


 Inspector

DEC 18 2023
 date

(Intentionally left blank below this point)

wo: WO_420

Engine L - page 1 of 1



Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587

N456SA

S/N: ENGINE-L SN TBD *E4P-C-06317*

February 13, 2024

1. C/W WI-RDC-E4-077 Pre maintenance Engine ground run I/A/W Austro MM 71-00-01.
2. C/W MSB-E4-042 I/A/W WI-RDC-E4-077. Installed P/N E4A-05-000-003 - Gasket for oil sump, Installed (6) P/N E4A-10-100-202 - Main bearing screw, Installed P/N DIN3771-16X3-ACM70 - O-ring 16x3 ACM, Installed (2) P/N DIN 7603 14X8 Cu - Oil return line sealing ring (oil sump), Installed P/N E4A-05-000-104 - GASKET, Installed (2) P/N O-RING 7,8X3,2 ACM 70 - O-ring for oil return line, Installed (2) P/N DIN 7603 12X16 AL - Oil backflow line sealing rings, Installed P/N DIN 7603 14X20 Cu - oil drain plug sealing ring, Installed P/N E4A-52-000-KIT - DIAMOND 100HR MAINT. KIT, Installed (6) P/N AEROSHELL DIESEL ULTRA - DIESEL PISTON OIL, 1L.
3. R&R Exhaust Pipe I/A/W Diamond AMM 78-00.
4. R&R Air intake hose I/A/W Diamond AMM 81-00.
5. Drain/Fill coolant system I/A/W Diamond AMM 75-00.
6. C/W WI-RDC-E4-077 Post maintenance Engine ground run I/A/W Austro MM 71-00-01.
7. C/W E4FCT_00_VC33_07_26 SW UPDATE.

With respect to the work performed, this engine L/H is approved for return to service. Details of work performed are on file with Steel Aviation under work order WO_420.

Danny Potter A/P I/A 3176242 

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