



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 AE028198	
4. Organisation Name and Address: Austro Engine GmbH Rudolf Diesel Straße 11 2700 Wiener Neustadt, AUSTRIA				5. Work Order / Contract / Invoice ES191601		
6. Item	7. Description	8. Part No.	9. Qty.	10. Serial No.	11. Status/Work	
1	E4PC Engine	E4PC-00-000-000 Iss.: 004	1	E4P-C-00265	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 10, Damper assy P/N: D44-7306-30-00_1 (EASA Form1: AJ48442) and Item 1: Fuel hose assy P/N: A24119-01 (EASA Form1: 220832) acc. DAI-Drawing D44-7306-00-00 Item #16 & #17 cleaned and installed acc AE APA 26 02.2014						
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 Ref. Number			
13d. Name 	13e. Date (dd mm yyyy) 12 JUN 2019	14d. Name	14e. Date (dd mm 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

Fregate 24 Aug 2010 / M. Mamec

FOO05_Form1_rev1

ENGINE LOG

Austro Engines GmbH

E4P-C

E00081EN

E4P-C-00265

JUNE 12 2019

Number:

le:



Section 3A: Engine Service and Maintenance Log

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

Registration: N502LA
AC Serial Number: 62 C022
LH Engine Serial Number: E4P-C-00265
RH Engine Serial Number: E4P-C-00266
LH Prop Serial Number: 190626
RH Prop Serial Number: 190628
Airframe Total Time: 4.7 HRS

- LH Total Time Engine Brought forward from Production Test Flight Journey Log (DAI - Form Q-224) 4.7 HRS
- LH Engine installed new on Aircraft DA 62, S/N: 62 C022
- The following STCs are incorporated
 - No STC's incorporated
- Bi-weekly AWD check carried out to current revision 2020-04 all applicable AD's complied with, see attached.
- The work described above was carried out IAW the applicable Standard of Airworthiness.

[Signature]
DA
Q 8
Inspector

FEB 26 2020
date

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ENGINE MODEL AE330
ENGINE S/N (L) E4P-C-00265
REG. NO. N502LA
WORK ORDER 0129

Premier
Aircraft Service

Premier Aircraft Sales, Inc.
3804 Falcon Way W
Hangar 185
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 8/6/2020
A/C TSN: 95.6
ENG TT (L): 95.6
FLIGHTTIME: 95.6

Left Engine Entries

- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox chip collector

DATE: 8/6/2020

SIGNED: *[Signature]*

Chad Cox, License: AP3782800

Work Order: 0129

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ENGINE MODEL AE330
ENGINE S/N (L) E4P-C-00265
REG. NO. N502LA
WORK ORDER: 0250

Premier
Aircraft Service

Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 185
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 4/15/2021
A/C TSN: 187.1
ENG TT (L): 187.1
FLIGHTTIME: 187.1

Left Engine Entries

- Performed 100 Hour Inspection using DA62 AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox chip collector
- Replaced #1 top exhaust nut

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

DATE: 4/15/2021

SIGNED: *[Signature]*

David Seemant, License: AP3482477 IA

Work Order: 0250

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ENGINE MODEL AE330
ENGINE S/N (L) E4P-C-00265
REG. NO. N502LA
WORK ORDER: 0562

Premier
Aircraft Service

Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 185
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 5/11/2022
A/C TSN: 274.5
ENG TT (L): 274.5
FLIGHTTIME: 274.5

Left Engine Entries

- Performed 100 Hour Inspection using DA62 AMM as a guide
- Changed oil and filter. Serviced engine with Aeroshell Diesel Ultra
- Inspected gearbox chip collector
- Performed 300hr gearoil and filter change
- Performed 300hr Injector Cover Zonal Inspection
- Performed 300hr Alternator Inspection
- Performed 300hr TVD Inspection

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

DATE: 5/11/2022

SIGNED: *[Signature]*

Chad Cox, License: AP3782800 IA

Work Order: 0562

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ENGINE MODEL AE330
ENGINE S/N (L) E4P-C-00265
REG. NO. N502LA
WORK ORDER: 0575

Premier
Aircraft Service

Premier Aircraft Service, Inc.
3804 Falcon Way W
Hangar 185
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 5/11/2022
A/C TSN: 274.5
ENG TT (L): 274.5
FLIGHTTIME: 274.5

Left Engine Entries

- MSB-E4-029 - Installed BPA restrictor
- Replaced turbo and head drain gaskets
- Replaced oil filter housing return o-ring
- Replaced turbocharger with new E4C-00-410-000-BHY

DATE: 5/11/2022

SIGNED: *[Signature]*

Chad Cox, License: AP3782800 IA

Work Order: 0575

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DON DAVIS
AVIATION

Growing your way every day since 1937

Left Engine Logbook Entry

DATE: 11-30-2022
TSMOH: 377.2

Aircraft: N502LA
TTAF: 377.2

S/N: 62C022
Tach: 377.2

Complied with 100 hour inspection on the engines per Austro Engines Maintenance manual chapter 5 requirements. This date. Oil and filter changed using Aeroshell Diesel Ultra and 100 hour kit p/n E4A-52-000-KIT. Cleaned the gearbox filter and replaced gearbox oil with Shell Spirex S6 GXME 75W-80. Tied up misc wiring. I certify that this engine was inspected in accordance with an 100 hour inspection and was determined to be in airworthy condition.

[Signature]

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

Section 3A: Engine Service and Maintenance Log

A2

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/
BRC
FOR



Going your way every day since 1957
Aircraft Logbook Entry

Date: 2-16-2023
TSMOH: 391.7

Aircraft: N502LA
TTAF: 391.7

SN: 62 C022
Tach: 391.7

Annual inspection completed this date. AD's checked thru CD2023-02. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

[Signature]

A&P32964741A

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

RMED:

NAME/
SIGNATURE

LICENCE:
AME or
AMG/ACA

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