

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE LOG

- | | |
|----------------------------------|---------------------|
| 1. Make: | Austro Engines GmbH |
| 2. Model: | E4P-C |
| 3. Specification: | E00081EN |
| 4. Manufacturer's Serial Number: | E4P-C-06483 |
| 5. Date of Manufacture: | JUNE 07 2024 |
| 6. Aircraft Inspection Cycle: | |



Section 3A: Engine Service and Maintenance Log



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

Registration:

AC Serial Number:

LH Engine Serial Number:

RH Engine Serial Number:

LH Prop Serial Number:

RH Prop Serial Number:

Airframe Total Time:

N157J

62.C090

E4P-C-06484

E4P-C-06483

241109

241110

4.0 HRS

- **RH Engine** Total Time brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 4.0 HRS
- RH Engine installed new on Aircraft DA 62, S/N: 62.C090
- Bi-weekly AWD check carried out to current revision 2024-23 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.

DA
Q 8
Inspector

(Intentionally left blank below this point)

NOV 28 2024

date

MAKE: Diamond

MODEL: DA62

S/N: 62.C090

REG. NO: 157J

ENGINE MODEL - R: E4P

ENGINE SN - R: E4P-C-06483



Premier Aircraft Service, Inc.

5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309

W/O #: 10911-12-2024

DATE: 02-18-2025

ENG TT - R: 12.3

Tach: 12.3

Entries

(4) REMOVED RIGHT ALTERNATOR P/N B4A-400-000 S/N 05978 AND REPLACED WITH NEW S/N 05411.
ALL WORK PERFORMED IAW DIAMOND DA62 MM CH 24-00 AND E4.08.04 CH: 24-31. OPS CHECK GOOD.

DATE: 02-18-2025

SIGNED:

DENNIS ALLARD
CRS 9PRR402B

WORK ORDER: 10911-12-2024

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THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS

NAME/
SIGNATURE

LICE
AME
AMO/A



AMO 161-93

Aircraft Reg: N157J
Work Order: S0075480

Date: August 19, 2025

	Make	Model	SN		
Airframe	Diamond	DA 62	62 C090	TSN:	28.4 Hrs.
LH Engine	Austro	E4P-C	E4P-C-06484	TSN:	28.4 Hrs.
RH Engine	Austro	E4P-C	E4P-C-06483	TSN:	28.4 Hrs.
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241109	TSN:	28.4 Hrs.
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241110	TSN:	28.4 Hrs.

The following work has been performed:

- RH engine Piston/Conrod replacement performed at this time. Reference Diamond Aircraft Industries Inc. AMO 161-93 Form One Tracking # RO-5017:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00604 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: ORSW, #2 SN: ORYR, #3 SN: OSSL, #4 SN: OR1I
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSB's & FAA AD's:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- RH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine oil replaced with new. Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant.
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement and engine reinstallation:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check. Found serviceable.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.057 IPS @ 2000 RPM.

An independent inspection has been carried out on the engine/flight controls effected by the work performed.

Signature: _____

ACA: _____



The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____

