

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE LOG

- | | |
|----------------------------------|--------------------|
| 1. Make: | Austro Engine GmbH |
| 2. Model: | E4P-C |
| 3. Specification: | E00081EN |
| 4. Manufacturer's Serial Number: | E4P-C-06590 |
| 5. Date of Manufacture: | JANUARY 27 2025 |
| 6. Aircraft Inspection Cycle: | |



Section 3A: Engine Service and Maintenance Log



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

Registration: N56TP
AC Serial Number: 62.C100
LH Engine Serial Number: E4P-C-06590
RH Engine Serial Number: E4P-C-06586
LH Prop Serial Number: 241926
RH Prop Serial Number: 241927
Airframe Total Time: 4.5 HRS

- LH Engine Total Time brought forward from Production Test Flight Journey Log (DAI - Form Q-224): 4.5 HRS
- LH Engine installed new on Aircraft DA 62, S/N: 62.C100
- Bi-weekly AWD check carried out to current revision 2025-06 all applicable AD's complied with, see attached.
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.

Inspector  DA Q 8

MAR 27 2025

date

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TTSN: 13.4

30 Day Engine Run - Accomplished

Date: JUN 11 2025

Signed: 



AMO 161-93

Aircraft Reg: N56TP
Work Order: S0075395

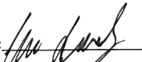
Date: July 8, 2025

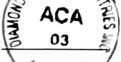
	Make	Model	SN		
Airframe	Diamond	DA 62	62.C100	TSN:	13.4 Hrs.
LH Engine	Austro	E4P-C	E4P-C-06590	TSN:	13.4 Hrs.
RH Engine	Austro	E4P-C	E4P-C-06586	TSN:	13.4 Hrs.
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241926	TSN:	13.4 Hrs.
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241927	TSN:	13.4 Hrs.

The following work has been performed:

- LH engine Piston/Conrod replacement performed at this time:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00084 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WTHA, #2 SN: WTKL, #3 SN: WHFA, #4 SN: WTG2
 - 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
- LH 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.
 - LH Turbo charger exhaust studs closest to injector cover replaced. Installed Qty. 2 PN: E4A-41-111-802.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.199 IPS @ 2000 RPM.

An Independent inspection has been carried out on the engine controls affected by the work performed.

Signature: 

ACA: 

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

Signature: 

ACA: 

PREVIOUS
TOTALS

TOTALS
SINCE NEW

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Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

DESCRIPTION OF WORK PERFORMED:
(INSPECTION, REPAIRS, REPLACEMENT)

MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP
MODEL-L: E4PC
ENGINE S/N-L: E4P-C-06590



Premier Aircraft Service, Inc.
CRS: # 9PRR402B
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309

W/O #: 11381-03-2026
DATE: 04-21-2026
ENG TT - L: 83.2
Tach: 93.2

Left Engine Entries

3 C/W (DA62) ANNUAL INSPECTION ON ENGINE IAW 14 CFR PART 43 APPENDIX D, USING DA62 CH 5 AND AUSTRO E4.08.04 MM INSPECTION CHECKLIST AS A GUIDE, SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA 5W30 AND NEW ENGINE OIL FILTER P/N E4A-52-100-802 . REPLACED FUEL FILTER WITH NEW P/N WK724 . 3 ENGINE WAS GROUND RUN AND LEAK CHECKED OK. ADS CHECKED THROUGH CURRENT ON ATP NAVIGATOR.

15 C/W 100 HR WATER PUMP LEFT ENGINE INSPECTION COMPLETED IAW AUSTRO E4.08.04 MM CH 85-50-00 OPS/LEAK CHECKED NORMAL.

26 REPLACED LEFT OIL SEPARATOR WITH NEW PN: E4A-53-110-000 IAW AUSTRO E4.08.04 MM CH: 79-20.

WE CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 04-21-2026

SIGNED:

Dennis Allard
CRS: # 9PRR402B

WORK ORDER: 11381-03-2026

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TOTALS

PREVIOUS
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SINCE NEW

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