

RIGHT ENG

AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

1. Make AUSTRO
 2. Model E4P
 3. Specification
 4. Manufacturer's Serial Number E4P-C-06290
 5. Date of Manufacture 2023
-
-
-



Section 3A: Engine Service and Maintenance Log

[illegible]

MAKE: Diamond
MODEL: DA62
S/N: 62.247
REG. NO: 97PS
MODEL-R: E4-P
ENGINE S/N-R: E4P-C-
06290

Premier Aircraft Service, Inc.
5540 NW 23rd Avenue Hangar 14
Fort Lauderdale, FL 33309

W/O #: 10992-03-2025
DATE: 04-11-2025
ENG TT - R: 104.4
Tach: 104.4

Right Engine Entries

- 3 C/W AD 2024-19-10 PISTON BORESCOPE INSPECTION ON RH ENGINE IAW AUSTRO MSB-E4-043/1. NO DEFECTS FOUND AT THIS TIME.
- 11 DRAINED AND SERVICED RH ENGINE OIL WITH 7 LITERS OF AERTO SHELL DIESEL ULTRA 5W30 AND REPLACED ENGINE OIL FILTER WITH NEW PN: E4A-52-300-KIT.

DATE: 04-11-2025

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

WORK ORDER: 10992-03-2025

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

01656 (05-29-2025)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-62
S/N: 62 247
REG: NO N97PS
ENGINE MAKE: R: AUSTRO
ENGINE MODEL: R: E4PC
ENGINE SN: R: E4P-C-06290

MYFLIGHT



400 Herdon Ave
Orlando, FL 32803

W/O #: 01656
DATE: 05-29-2025
A/C TT: 152.6
A/C Tach: 152.6
ENG TT - R: 152.6

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Entries

- 2 COMPLIED WITH MSB-E4-043/0 BORESCOPE INSPECTION, NO SIGN OF CRACKS ON PISTON SURFACES.

I certify that this aircraft has been inspected for the work performed above and was determined to be in airworthy condition, and returned to service.

DATE: 05-29-2025

SIGNED

Joel Mastrapa
A&P: 5003987

WORK ORDER: 01656

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01693 (07-10-2025)

MAKE: DIAMOND AIRCRAFT
INDUSTRIES
MODEL: DA-62
S/N: 62 247
REG: NO: N97PS
ENGINE MAKE: R: AUSTRO
ENGINE MODEL: R: E4PC
ENGINE SN: R: E4P-C-06290

MYFLIGHT



400 Herdon Ave
Orlando, FL 32803

W/O #: 01693
DATE: 07-10-2025
A/C TT: 202.3
A/C Tach: 202.3
ENG TT - R: 202.3

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Entries

- 4 -PERFORMED POWER EVALUATION BEFORE REPLACEMENT IAW AE330 E4 MM CH. 05-60-50.
-REMOVED ENGINE FOR PISTON-CONROD REPLACEMENT IAW AE330 E4 MM CH. 85-30-50(A).
- 5 -REMOVED AND REPLACED PISTON-CONRODS WITH NEW, P/N: E4A-72-300-000 (KIT SN: 00442). IAW AE330 E4 MM CH. 85-30-50(B).
-MSB-E4-043 IS NO LONGER APPLICABLE AND THE TERMINATING ACTION HAS BEEN COMPLIED WITH. NO FURTHER ACTION IS NEEDED AT THIS TIME.
- 6 -REINSTALLED ENGINE IAW AE330 E4 MM AND INSTALLATION MANUAL.
-PERFORMED ENGINE BREAK-IN PROCEDURE AND POWER EVALUATION AFTER PISTON-CONROD REPLACEMENT IAW AE330 E4 MM CH. 05-60-00.
- 8 -REMOVED AND REPLACED FIVE EXHAUST VALVE STEM SEALS WITH NEW IAW AE330 E4 MM CH. 85-30-40(D)(c). LEAK CHECK AND OPS CHECK GOOD. NO DISCREPANCIES NOTED.

I certify that this aircraft has been inspected for the work performed above and was determined to be in airworthy condition, and returned to service.

DATE: 07-10-2025

SIGNED

Landon Moore
A&P: 4916802

WORK ORDER: 01693

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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
RECUH1 F FORWARD						

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

MAKE: Diamond
MODEL: DA62
S/N: 62.247
REG. NO. 97PS
MODEL-R: E4P
ENGINE S/N-R: E4P-C-
06290

Premier
SPECIALTY FINANCING

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

W/O #: 11366-02-2026
DATE: 04-03-2026
ENG TT - R: 312.8
Tach: 312.8

Right Engine Entries

- 4 C/W DA62 300H/ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D, USING
DA62 CH 5 AND AUSTRAL 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 GEARBOX FILTER P/N: E4A-70-000-806 AND SERVICE WITH P/N: SPIRAX-S6-GXME75W-80.
REPLACED FUEL FILTER WITH NEW P/N WK724 . 3. ENGINE WAS GROUND RUN AND LEAK CHECKED OK.
ADS: CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
- 13 C/W AD 2024-05-01 CRANKSHAFT BEARING CAP SCREW REPLACEMENT. INSTALLED 8 NEW MAIN
BEARING SCREWS P/N: E4A-10-100-202. SERVICED ENGINE WITH 7 QTS OF AEROSHELL DIESEL 5W30.
WORK DONE IAW WI-M58B-E4-042.
- 28 C/W 100 HR INSPECT WATER PUMP ON RIGHT ENGINE IAW AUSTR0 E4.08.04 MM CH: 85-50-00-2E. NO
DEFECTS NOTED.
- 29 C/W 300 HR FLYWHEEL INSPECTION ON RIGHT ENGINE REMOVED FLYWHEEL P/N: E4A-73-300-000.AB.1
S/N: 01788 AND INSTALLED NEW P/N: E4A-73-300-000 AB.2 S/N: 10289 IAW AUSTR0 E4.08.04 CH 85-10.
OPS CHECK GOOD.
- 30 C/W 300 HR ALTERNATOR BRUSHES REPLACED WITH NEW P/N: E4A-91-410-000 IAW AUSTR0 E4.08.04
MM CH: 24-30 OPS CHECKED NORMAL.
- 31 C/W 300HR CHECK ENGINE HARNESS ON RH ENGINE IAW AUSTR0 E4.08.04 MM CH: 71-50-00. NO
DEFECTS NOTED AT THIS TIME.
- 33 REPLACED RIGHT ENGINE OIL DIPSTICK O-RING WITH NEW P/N OR_37.6X2.8-ACM70 IAW AUSTR0
E4.08.04 CH 79-10. LEAK CHECK GOOD.
- 41 REPLACED RIGHT OIL SEPARATOR WITH NEW P/N: E4A-53-110-000 IAW AUSTR0 E4.08.04 MM CH: 79-20.
- I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 04-03-2026

SIGNED:

Dennis Allard
CRS: # 9PRR402B

WORK ORDER: 11366-02-2026

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