

# AIRCRAFT TECHNICAL RECORD

## Section 3. ENGINE LOG

### ENGINE DATA

1. Make Austro Engine GmbH
  2. Model E4P-C
  3. Specification E00081EN
  4. Manufacturer's Serial Number E4P-C-00239
  5. Date of Manufacture January 2019
- 
- 
- 



# Section 3A: Engine Service and Maintenance Log

| DATE<br>/ /     | TIME RUN |     | TIME<br>SINCE OVERHAUL |     | CYCLES    |       |
|-----------------|----------|-----|------------------------|-----|-----------|-------|
|                 | HOURS    | min | HOURS                  | min | Sub Total | TOTAL |
| BROUGHT FORWARD |          |     |                        |     |           |       |

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



DIAMOND AIRCRAFT IND.  
D.O.T. APPROVED MAINTENANCE  
ORGANIZATION 161-93

Registration: N82UU  
Airframe Total Time: 31.5  
Engine RH SN: E4P-C-00239

AC Serial Number: 62.096  
Work Order: SC072158  
Engine RH TT: 31.5

- Engine E4P, S/N: E4P-C-00239, installed on Aircraft DA 62 S/N: 62.096, RIGHT
- Total Time Engine brought forward: 31.5 hrs
- EECU software installed: VC33\_2P\_06\_21
- Engine and documentation inspected for Major Mod's and/or STC's incorporated, none found.
- All applicable Airworthiness Directives, Service Bulletins complied with.
- AWD BI-weekly checked thru 2019-06
- Refer to Austro MM E4.08.04, latest revision for component inspection/exchange intervals
- Next inspection due: 100 hr inspection

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness



Date: MAR 27 2019



DIAMOND AIRCRAFT IND.  
D.O.T. APPROVED MAINTENANCE  
ORGANIZATION 161-93

Registration: N82UU  
Airframe Total Time: 32.8  
Engine LH SN: E4P-C-00240  
Engine LH TT: 32.8  
Prop LH SN: 181454  
Prop LH TT: 32.8

AC Serial Number: 62.096  
Work Order: SC072158  
Engine RH SN: E4P-C-00239  
Engine RH TT: 32.8  
Prop RH SN: 181457  
Prop RH TT: 32.8

- LH spinner adjusted to be more centered
- LH & RH governor TO RPM increased 1/2 turn
- Pilot door seal adjusted
- Passenger door aft lock pin shim adjusted for tighter air seal
- RH aileron short rod lengthened by 1 turn.

Dual Inspection Carried out on all Flight/Engine controls affected by Work Performed

ACA Date: APR 04 2019

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness

ACA Date: APR 04 2019



DIAMOND AIRCRAFT IND.  
D.O.T. APPROVED MAINTENANCE  
ORGANIZATION 161-93

Registration: N82UU  
Airframe Total Time: 33.7  
Engine LH SN: E4P-C-00240  
Engine LH TT: 33.7  
Prop LH SN: 181454  
Prop LH TT: 33.7

AC Serial Number: 62.096  
Work Order: SC072159  
Engine RH SN: E4P-C-00239  
Engine RH TT: 33.7  
Prop RH SN: 181457  
Prop RH TT: 33.7

- Adjusted RH prop governor speed stop as required.

Dual Inspection Carried out on all Flight/Engine controls affected by Work Performed

ACA Date: APR 17 2019

The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness



Date: APR 17 2019

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NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

3D AIRCRAFT SERVICES

780-922-2842

C-FAFM

DA62.096

August 20, 2019

TTSN: 118.3

Oil and filter changed. Serviced with 7L each engine with Aeroshell Diesel Ultra

Removed oil filters inspected - no contamination noted.

Oil samples taken and directed to OelCheck Germany.

The maintenance described has been performed in accordance with the applicable airworthiness requirements.

G Boucher M248913

*G Boucher*

# Section 3A: Engine Service and Maintenance Log

| DATE<br>/ /        | TIME RUN |     | TIME<br>SINCE OVERHAUL |     | CYCLES       |       | DESCRIPTION OF WORK PERFORMED<br>(INSPECTION, REPAIRS, REPLACEMENT) |
|--------------------|----------|-----|------------------------|-----|--------------|-------|---------------------------------------------------------------------|
|                    | HOURS    | min | HOURS                  | min | Sub<br>Total | TOTAL |                                                                     |
| BROUGHT<br>FORWARD |          |     |                        |     |              |       |                                                                     |



**AMO 286-91**  
**Klarenbach**  
 Aviation Ltd.

Unit E1, 333 Noorduyn Park  
 Calgary, Alberta T3Z 3S7  
 (403) 274-5800

Klarenbach Work Order No.: 5177

Date: Oct 11, 2019

|                      |                    |                  |             |
|----------------------|--------------------|------------------|-------------|
| Aircraft: C-FAFM     | Diamond DA62       | S/N: 62.096      | TTSN: 135.5 |
| Right Engine: Austro | Model: E4P-C       | S/N: E4P-C-00239 | TSOH: 135.5 |
| Left Engine: Austro  | Model: E4P-C       | S/N: E4P-C-00240 | TSOH: 135.5 |
| Right Prop: MT       | Model: MTV-6-R-C-F | S/N: 181457      | TSOH: 135.5 |
| Left Prop: MT        | Model: MTV-6-R-C-F | S/N: 181454      | TSOH: 135.5 |

- 100hr. inspection completed in accordance with CARs Chapter 625 Appendix B & C using Diamond DA62 Service Manual check sheets Doc# 7.02.25 and Austro engine Doc# E4.08.04 100HR Checklist as a reference.
- Pilot reported RH Alternator caution annunciation continuously annunciating followed by a continuous audible warning.
- RH and LH Alternators swapped from side to side for troubleshooting purposes. Alternators operation check normal.
- RH Voltage Regulator removed and replaced with new Voltage Regulator P/N: E4A-91-200-000, Alternator load sharing function checked normal.
- Aircraft Ground Run, no leaks found, operation checked normal EECU data sent to Austro.

END

## Maintenance Release

The maintenance described above has been performed in accordance with the applicable standards of airworthiness subject. Pertinent details of the repairs on file at this agency under the above noted work order.

Signature of AME: *[Signature]* AME License No. 089587

ENGINE MODEL: E4P-C  
 ENGINE S/N (P):  
 E4P-C00239  
 REG. NO. NWE:  
 WORK ORDER:  
 8778-01-2020



Premier Aircraft Service, Inc.  
 5540 HWY 22nd Avenue Hangar 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

DATE: 2/19/2020  
 A/C TSN: 172.4  
 ENG TT (R): 172.4  
 TACH: 172.4

## Right Engine Entries

- (4) C/W ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D. USING DA62 CH 5 AND AUSTRO AE300 MM INSPECTION GUIDES. 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. WORK DONE IAW AUSTRO AE300 AND DIAMOND DA62 MM. ADs CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
- (15) C/W AUSTRO M88-E4-026/1 ENGINE HARNESS INSPECTION. SECURED AS REQUIRED.
- (20) REPLACED RH ENG OIL RETURN LINE BANJO FITTING SEALS AND O-RINGS WITH NEW IAW AUSTRO E4.08.04 MM CH 79-00-90.
- (21) REPLACED RH ENG OIL DIP STICK O-RING WITH NEW P/N DIN3771-37 77X2.62.
- (36) CLEANED RH ENG CRANKCASE BREATHER CHECK VALVE AND RE INSTALLED.

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

DATE: 2/19/2020

SIGNED: *[Signature]*

Work Order: 8778-01-2020

EMMANUEL VICIOSO  
 CRS 9PR14028

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TOTALS

TOTALS  
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ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
9034-08-2020



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE 5/28/2020  
A/C TSN: 279.3  
ENG TT (R): 279.3  
TACH: 279.3

LICENCE:  
AMEP  
AMO/AGA

#### Right Engine Entries

- (3) C/W 300 HR INSPECTION ON RH ENGINE IAW AUSTRO E4P MM CH 5-10. CHANGED ENG OIL AND OIL FILTER KIT PN E4A-00-301-KIT SERVICED WITH 7 LITERS OF AEROSHELL DIESEL SW30. REMOVED AND REPLACE FUEL FILTER WITH NEW PN WK724\_3. REMOVED AND REPLACED GEARBOX FILTER WITH PN E4A-70-000-806. CHANGED COOLANT FLUID AND SERVICED WITH NEW IAW DA62 MM CH 75-00. ENGINE RUN UP CHECKED GOOD.  
(9) UPDATED RH ENGINE ECU SOFTWARE FROM VERSION 21 TO VERSION E4FCT\_00\_VC33\_2P\_06\_24 IAW AE300 WIZARD.  
(11) REPLACED RH GEARBOX MASS FLYWHEEL WITH NEW PN E4PB-73-000-000-KIT SN 03888 IAW AUSTRO E4P ENGINE MM CH 85-10-61. ENG RUN UP CHECKED GOOD.  
(14) ADJUSTED RH ENGINE TURBO WASTE GATE CONTROLLER IAW AUSTRO E4P MM CH 81-5.

DATE 8/28/2020

SIGNED

EMMANUEL VICIOSO  
CRS 9PRR402B

Work Order 9034-08-2020

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ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
9265-02-2021



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE 3/5/2021  
A/C TSN: 390.8  
ENG TT (R): 390.8  
TACH: 390.8

#### Right Engine Entries

- (4) C/W 100 HR/ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D. USING DA62 CH 5 AND AUSTRO E4 08-04 MM INSPECTION GUIDES. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA SW30 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. WORK DONE IAW DIAMOND DA62 MM. ADs CHECKED THROUGH CURRENT ON ATP NAVIGATOR.  
(19) C/W DIAMOND MSB-62-002/4 ECU S/W FOR E4P-C ENGINES IAW AE300 WIZARD.  
(26) C/W 300 HR RH ALTERNATOR BRUSH INSPECTION IAW: AUSTRO E4 08-04 MM CH 24-30-00. NO DEFECTS NOTED AT THIS TIME.  
(40) REPLACE RH ENG HIGH PRESSURE FUEL PUMP BASE GASKET WITH NEW P/N DIN7803-A12x16-AL IAW AUSTRO E4 08-04 MM CH 73-10-03.  
(45) REPLACED RH ENG OIL LEVEL SENSOR O-RING WITH NEW P/N E4A-51-000-808 IAW: AUSTRO E4 08-04 MM CH 79-30-00.

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

DATE 3/5/2021

SIGNED

EMMANUEL VICIOSO  
CRS 9PRR402B

Work Order 9265-02-2021

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ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
9707-02-2022



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE 3/4/2022  
A/C TSN: 544.8  
ENG TT (R): 544.8  
TACH: 544.8

#### Right Engine Entries

- (4) C/W 300 HR/ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D. USING DA62 CH 5 AND AUSTRO E4 08-04 MM INSPECTION GUIDES. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA SW30 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. WORK DONE IAW E4-08-04 MM. ADs CHECKED THROUGH CURRENT ON ATP NAVIGATOR.  
(30) C/W 300 HR FLYWHEEL INSPECTION - RH ENG. FLYWHEEL INSP FAILED. INSTALLED NEW MASS FLYWHEEL ASSY PN E4PB-73-00-000-KIT SN 05625 AND SERVICED GEARBOX WITH NEW SPIRAX GEAR OIL. WORK DONE IAW AUSTRO E4-08-04 MM CH 85-10.  
(33) C/W MSB-E4-028 WASTEGATE RESTRICTOR - RH ENG.  
(41) APPLIED FIRE RETARDANT PAINT ON RH ENGINE VALVE COVER AS REQUIRED IAW DA62 MM CH 51-00. RE INSTALLED VALVE COVER IAW E4-08-04 MM CH 85-00.  
(44) REPLACED RH ENGINE OIL DIPSTICK SEAL WITH NEW PN DIN3771-37.77X2.62 IAW E4-08-04 CH 79-00.  
(47) REPAIRED RH ENGINE INTERCOOLER INLET SCOOP IAW DA62 MM CH 51-00.  
(48) REPLACED RH ENGINE HP FUEL PUMP BASE SEAL WITH NEW P/N DIN3771\_44X3\_ACM70 IAW E4-08-04 MM CH 73-00.

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

DATE 3/4/2022

SIGNED

EMMANUEL VICIOSO  
CRS 9PRR402B

Work Order 9707-02-2022

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| DATE<br>/ /        | TIME RUN |     | TIME<br>SINCE OVERHAUL |     | CYCLES       |       | DESCRIPTION OF WORK PERFORMED<br>(INSPECTION, REPAIRS, REPLACEMENT) |
|--------------------|----------|-----|------------------------|-----|--------------|-------|---------------------------------------------------------------------|
|                    | HOURS    | min | HOURS                  | min | Sub<br>Total | TOTAL |                                                                     |
| BROUGHT<br>FORWARD |          |     |                        |     |              |       |                                                                     |

*Premier*  
Aircraft Service

*Premier*  
Aircraft Service

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NAME/  
SIGNATURELICENCE:  
AMEP  
AMO/ACAENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
9992-09-2022Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393DATE: 9/30/2022  
A/C TSN: 668  
ENG TT (R): 668  
TACH: 668**Log Entries**

(2) REMOVED AND REPLACED RH ENGINE FADEC WITH ORIGINAL EECU PN E4A-92-100-0000 SN 2853 IAW DA62 MM CH 76-00 AND AUSTRO E4-08-04 MM CH 76-00

DATE: 9/30/2022

SIGNED:

Work Order: 9992-09-2022

SAMUEL TAVAREZ JR  
CRS 9PRR402B

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ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
10125-01-2023Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393DATE: 2/9/2023  
A/C TSN: 716.3  
ENG TT (R): 716.3  
TACH: 716.3**Right Engine Entries**

- (4) C/W ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D, USING DA62 CH 5 AND AUSTRO E4 08 04 MM INSPECTION GUIDES. 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. WORK DONE IAW DIAMOND DA62 M/M. ADS CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
- (31) REPLACED RH ENGINE OIL CAP SEAL WITH NEW AS REQUIRED.
- (33) REPAIRED RH ENGINE GLOW SENSOR HARNESS IAW AC43.13-1B CH 11.
- (34) REPLACED RH ENGINE VALVE COVER OIL RETURN LINE BANJO FITTING SEALS IAW E4-08-04 MM CH 79.
- (35) REPLACED RH HP FUEL PUMP WITH NEW P/N E4A-30-000-BHY S/N 22-02-15-02-00074 IAW E4-08-04 MM CH 73-10.
- (37) REPLACED RH ENG CYL 1 EXHAUST STUD WITH NEW P/N E4A-12-100-812 IAW E4-08-04 MM CH 78, 79 AND 81.

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

DATE: 2/9/2023

SIGNED:

Work Order: 10125-01-2023

EMMANUEL VICIOSO  
CRS 9PRR402B

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ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG. NO. 99WE  
WORK ORDER  
10392-09-2023Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hanger 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393DATE: 9/13/2023  
A/C TSN: 824.1  
ENG TT (R): 824.1  
TACH: 824.1**Right Engine Entries**

- (3) C/W 100 HR INSPECTION ON RH ENGINE IAW AUSTRO E4 08 04 MM CH 5 INSPECTION CHECKLIST. 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.
- (6) C/W 600 HR WASTEGATE CIRCLIP INSPECTION - RH ENG. REPLACED CLIP WITH NEW PN E4A-41-100-801 IAW E4-08-04 MM CH 81-20.
- (10) REPLACED SEALS ON RH TURBO SUPPLY AND RETURN LINES IAW E4 08 04 CH 79-20. OPS CHECKED GOOD.
- (18) REPLACED RH ENGINE OIL QUANTITY SENSOR O-RING WITH NEW IAW E4 08 04 CH 79-30. OPS CHECKED GOOD.

I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW 14 CFR PART 43 APPENDIX-D 100 HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 9/13/2023

SIGNED:

Work Order: 10392-09-2023

EMMANUEL VICIOSO  
CRS 9PRR402B

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# Section 3A: Engine Service and Maintenance Log

| DATE<br>/ /        | TIME RUN |     | TIME<br>SINCE OVERHAUL |     | CYCLES       |       | DESCRIPTION OF WORK PERFORMED<br>(INSPECTION, REPAIRS, REPLACEMENT) |
|--------------------|----------|-----|------------------------|-----|--------------|-------|---------------------------------------------------------------------|
|                    | HOURS    | min | HOURS                  | min | Sub<br>Total | TOTAL |                                                                     |
| BROUGHT<br>FORWARD |          |     |                        |     |              |       |                                                                     |

ENGINE MODEL E4P-C  
ENGINE S/N (R)  
E4P-C00239  
REG NO 99WE  
WORK ORDER  
10573-02-2024



Premier Aircraft Service, Inc.  
5540 NW 23rd Avenue Hangar 14  
Fort Lauderdale, FL 33309  
Phone: (954) 334-2393

DATE: 4/18/2024  
A/C TSN: 906.9  
ENG TT (R): 906.9  
TACH: 906.9

## Right Engine Entries

- (5) C/W ANNUAL INSPECTION ON RIGHT ENGINE IAW 14 CFR PART 43 APPENDIX D, USING DA62 CH 5 AND AUSTR0 E4.08.04 MM INSPECTION GUIDES. 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. WORK DONE IAW DIAMOND DA62 MM. AD\* CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
- (29) C/W 300 HR FLYWHEEL INSPECTION ON RH ENGINE IAW E4-08-04 CH 85. NO DEFECTS NOTED AT THIS TIME.
- (30) REPLACED RH CYLINDER HEAD ASSY WITH NEW P/N E4A-00-M02-BHY S/N 02537, NEW INTAKE CAMSHAFT P/N E4A-23-408-000 S/N 02806, AND NEW EXHAUST CAMSHAFT P/N E4A-23-308-000 S/N 02806 IAW AUSTR0 E4-08-04 MM CH 85-30. ENG RUN UP CHECKED GOOD.
- (33) C/W 800 HR WATER PUMP INSPECTION ON RH ENGINE. NO DEFECTS NOTED AT THIS TIME.
- (35) C/W AD 2020-14-07 ON RH ENGINE FUEL INJECTORS REPLACEMENT EACH 900 HR. INSTALLED NEW INJECTORS P/N E4A-35-100-000 (4 EA) IAW AUSTR0 E4-08-04 MM CH 73-10. LEAK CHECKED GOOD.
- (37) C/W 800HR TIMING CHAIN REPLACEMENT ON RH ENGINE IAW AUSTR0 E4.08.04 MM CH. 85-30-00.
- (47) REPLACED RH TURBO OIL RETURN LINE BANJO FITTING O-RINGS IAW AUSTR0 E4.08.04 MM CH 79-10-09.

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

DATE: 4/18/2024

SIGNED

JUAN VALENZUELA  
CRS 9PRR402B

Work Order: 10573-02-2024

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MAKE: Diamond  
MODEL: DA62  
S/N: 62.096  
REG. NO: 99WE  
MODEL-R: E4P-C  
ENGINE S/N-R: E4P-C00239



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

W/O #: 10945-01-2025  
DATE: 03-28-2025  
ENG TT - R: 990.7  
Tach: 990.7

## Right Engine Entries

- 5 C/W ANNUAL INSPECTION ON RH ENGINE IAW 14 CFR PART 43 APPENDIX-D USING DA62 MM CH 5 AND AUSTR0 E4.08.04 MM INSPECTION CHECKLIST AS A GUIDE. CHANGED ENG OIL AND OIL FILTER WITH AUSTR0 E4.08.04 MM INSPECTION KIT. SERVICED WITH 7 LITERS OF AEROSHELL DIESEL ULTRA 5W30. REPLACED FUEL FILTER WITH NEW P/N: WK724\_3. REPLACED GEARBOX FILTER WITH NEW P/N: E4A-70-000-806.
- 23 C/W 5 YR V-RIBBED BELT REPLACEMENT- RH ENG. INSTALLED NEW P/N: E4A-74-100-801 IAW E4.08.04 MM CH: 24-31-00.
- 26 C/W 6 YR COOLANT SILICATE REPLACEMENT ON RH ENG. REPLACED SILICATE POUCH WITH NEW P/N: D44-9075-21-01 IAW DA62 MM CH 75-00.
- 27 C/W 200 HR RH ENGINE AIR FILTER REPLACEMENT WITH NEW P/N RU-1620 IAW DA62 MM CH: 71-60-00.
- 59 REPLACED RH ENGINE FWD LH AND RH MOUNTS WITH NEW P/N: D64-7126-14-70\_02 (LH) AND D64-7126-14-71\_02 (RH) IAW DA62 MM CH: 71-20.
- 61 REPLACED RH ENGINE CHARGE PIPE O-RING WITH NEW P/N: DIN3771-46.2X3.55 AND INSTALLED NEW SHIM P/N: DS-SW1-690-530-003-C1 IAW DA62 MM CH 81-00. LEAK CHECKED GOOD.
- 63 REPLACED RH OIL DIPSTICK O-RING WITH NEW P/N: OR\_37.6X2.8-ACM70 IAW E4.08.04 CH: 79-20.
- 64 REPLACED RH OIL LEVEL SENSOR O-RING WITH NEW P/N: E4A-51-000-808 IAW AUSTR0 MM E4.08.04 CH: 79-30.
- 75 REPLACED RH ENGINE OIL SEPARATOR SYSTEM WITH NEW P/N E4A-53-110-000 IAW E4.08.04 CH 79. LEAK CHECKED GOOD.
- 76 REPLACED RH ENGINE OIL FILTER HOUSING LINE GASKETS AT HOUSING FITTING AND OIL SUMP
- BANJO WITH NEW P/N: DIN7603-A12x16-AL IAW AUSTR0 MM E4.08.04 CH: 79-20.
- 77 REPLACED RH WASTEGATE CONTROLLER CIRCLIP WITH NEW P/N E4A-41-100-801 IAW E4-08-04 MM CH 81-20.
- 78 INSTALLED HEAT INSULATION ON RH FUEL INJECTOR COVER AS REQUIRED.
- I CERTIFY THIS AIRFRAME, ENGINE, OR PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 03-28-2025

SIGNED

EMMANUEL VICIOSO  
CRS 9PRR402B

WORK ORDER: 10945-01-2025  
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TOTALS

PREVIOUS  
TOTALS

TOTALS  
SINCE NEW

CARRY FORWARD to Top of Next Page

NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

MAKE: Diamond  
MODEL: DA62  
S/N: 62.096  
REG. NO: 99WE  
MODEL-R: E4P-C  
ENGINE S/N-R: E4P-  
C00239



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

W/O #: 11373-03-2026  
DATE: 09-10-2026  
ENG TT - R: 1089.0  
Tach: 1089.0

**Right Engine Entries**

- 4 C/W ANNUAL INSPECTION ON RH 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.
- 21 C/W 100 HR CHECK ENGINE HARNESS ON RH ENGINE IAW E4.08.04 MM CH: 71-50-00. NO DEFECTS FOUND AT THIS TIME.
- 33 PERFORMED ALTERNATOR FUNCTIONAL CHECK ON RH ENGINE. REPLACED BRUSHES WITH P/N: E4A-91-410-000 IAW AUSTRO E4.08.04 MM CH: 24-31-00. OPS CHECKED GOOD.

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

DATE: 09-10-2026

SIGNED:

Juan Valencia  
CRS: # 9PRR402B

WORK ORDER: 11373-03-2026

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