

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-00240
5. Date of Manufacture January 2019



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)



Registration: N62UJ
Airframe Total Time: 31.5
Engine LH SN: E4P-C-00240

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

AC Serial Number: 62 096
Work Order: S0072156
Engine LH TT: S0072156
Engine LH TT: 31.5

- Engine E4P, S/N: E4P-C-00240, installed on Aircraft DA 62 S/N: 62.096, LEFT
- 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



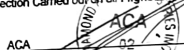
DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93

Registration: N62UJ
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: S0072156
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



Date: APR 04 2019

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



Date: APR 04 2019



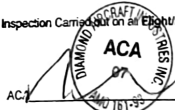
DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93

Registration: N62UJ
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: S0072156
Engine RH SN: E4P-C-00239
Engine RH TT: 33.7
Prop RH SN: 181457
Prop RH TT: 33.7

- Adjusted LH prop governor speed stop as required.

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



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

August 20, 2019

790-922-2842

C-FAFM

DA62.096

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 OilCheck 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 / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES		DESCRIPTION OF WORK PERFORMED: (INSPECTION, REPAIRS, REPLACEMENT)
	HOURS	min	HOURS	min	Sub Total	TOTAL	
BROUGHT FORWARD							



**Klarenbach
Aviation Ltd.**

Unit E1, 555 McDougall 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 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 repair are 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 (L):
E4P-C00240
REG. NO. 99WE
WORK ORDER:
8778-01-2020



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

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

Left Engine Entries

- (3) C/W ANNUAL INSPECTION ON LEFT 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-S2-100-802. REPLACED FUEL FILTER WITH NEW P/N WKT24_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.
- (16) C/W AUSTRO MSB-E4-026/1 ENGINE HARNESS INSPECTION. SECURED AS REQUIRED.
- (22) REPLACED LH ENG OIL RETURN LINE BANJO FITTING SEALS AND O-RINGS WITH NEW IAW AUSTRO E4.08.04 MM CH 79-00-90.
- (23) REPLACED LH ENG OIL DIP STICK O-RING WITH NEW P/N DIN3771-37.77X2.62.
- (33) CLEANED LH 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 9PR4028

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ENGINE MODEL: E4P-C
ENGINE SN (L):
E4P-C00240
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: 8/28/2020
A/C TSN: 279.3
ENG TT (L): 279.3
TACH: 279.3

ICENCE:
AMEG
AMCIACA

Left Engine Entries

- (2) C/W 300 HR INSPECTION ON LH 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 5W30. 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.
(8) UPDATED LH ENGINE ECU SOFTWARE FROM VERSION 21 TO VERSION E4FCT_06_VC33_2P_06_24 IAW AE300 WIZARD
(10) REPLACED LH 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.
(13) ADJUSTED LH ENGINE TURBO WASTE GATE CONTROLLER IAW AUSTRO E4P MM CH 81-5.

DATE: 8/28/2020

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR4028

Work Order: 9034-08-2020

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ENGINE MODEL: E4P-C
ENGINE SN (L):
E4P-C00240
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 (L): 390.8
TACH: 390.8

Left Engine Entries

- (3) C/W 100 HR/ANNUAL INSPECTION ON LEFT 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 PN E4A-52-100-802. REPLACED FUEL FILTER WITH NEW PN WK724_3 ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW DIAMOND DA62 MM. ADS CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
(27) C/W 300 HR LH ALTERNATOR BRUSH INSPECTION IAW: AUSTRO E4.08.04 MM CH 24-30-00. NO DEFECTS NOTED AT THIS TIME.
(30) SERVICED LH ENGINE WITH COOLANT IAW DA62 MM CH 12-00.
(39) REPLACED LH ENG OIL RETURN LINE BANJO FITTING O-RINGS IAW: AUSTRO E4.08.04 MM CH 79-20-00.
(48) REPLACED LH ENG EXHAUST MANIFOLD TO CYLINDER HEAD GASKETS WITH NEW PN E4A-04-000-001 IAW: AUSTRO E4.08.04 MM CH 78-10-00.

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 9PRR4028

Work Order: 9265-02-2021

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ENGINE MODEL: E4P-C
ENGINE SN (L):
E4P-C00240
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: 544.6
ENG TT (L): 544.6
TACH: 544.6

Left Engine Entries

- (3) C/W 300 HR/ANNUAL INSPECTION ON LEFT 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 PN E4A-52-100-802. REPLACED FUEL FILTER WITH NEW PN WK724_3 ENGINE WAS GROUND RUN AND LEAK CHECKED OK. WORK DONE IAW E4-08-04 MM. ADS CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
(29) C/W 300 HR FLYWHEEL INSPECTION-- LH ENG. FLYWHEEL INSP FAILED. INSTALLED NEW MASS FLYWHEEL ASSY PN E4PB-73-000-000-KIT SN 05562 AND SERVICED GEARBOX WITH NEW SPIRAX GEAR OIL. WORK DONE IAW AUSTRO E4-08-04 MM CH 85-10.
(32) C/W MSB-E4-029 WASTEGATE RESTRICTOR-- LH ENG.
(51) REPLACED LH ENGINE TURBO WASTEGATE CONTROLLER WITH NEW PN E4A-41-120-000 AND INSTALLED NEW CIRCLIP PN E4A-41-100-801 IAW E4-08-04 MM CH 81-00. ENGINE RUN CHECKED GOOD.
(61) REPLACED LH GEARBOX SHAFT SEAL WITH NEW PN DIN3760-A45X60X7. FKM IAW E4-08-04 MM CH 85-00.
(62) REPLACED LH ENGINE BPA WITH NEW PN E4A-41-300-801 IAW E4-08-04 MM CH 81-00. ENGINE RUN CHECKED GOOD.

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 9PRR4028

Work Order: 9707-02-2022

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Section 3A: Engine Service and Maintenance Log

F WORK PERFORMED
RS. REPLACEMENT

B
F

ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO. 99WE
WORK ORDER:
9746-03-2022



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

DATE: 3/11/2022
A/C TSN: 550.2
ENG TT (L): 550.2
TACH: 550.2

Left Engine Entries

(2) REMOVED LH ENGINE WASTE GATE CONTROLLER ORIFICE. MSB E4-029 NO LONGER INSTALLED. PERFORMED ENGINE RUN OPS CHECKED GOOD.

DATE: 3/11/2022

SIGNED:

SAMUEL TAVAREZ JR.
CRS 9PRR402B

Work Order: 9746-03-2022

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ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO. 99WE
WORK ORDER:
9979-09-2022



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

DATE: 9/16/2022
A/C TSN: 653.1
ENG TT (L): 653.1
TACH: 653.1

Left Engine Entries

(2) CAV 100 HR INSPECTION ON LH ENGINE IAW AUSTRO E4 08-04 MM CH 5 INSPECTION CHECKLIST. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA SW30 AND NEW ENGINE OIL FILTER P/N E4A-02-100-802. REPLACED FUEL FILTER WITH NEW P/N WK724. 3 ENGINE WAS GROUND RUN AND LEAK CHECKED OK.
(11) CAV 600 HR HP FUEL PUMP REPLACEMENT- LH ENGINE. REMOVED P/N E4A-30-000-BHY SN 12-04-02-03-00077. INSTALLED NEW P/N E4A-30-000-BHY SN 21-09-06-02-02390 IAW AUSTRO E4-08-04 MM CH 73-10. ENGINE RUN CHECKED GOOD.
(13) CAV 600 HR COOLANT REPLACEMENT- LH ENG. SERVICED WITH NEW ANTIFREEZE IAW DA62 MM CH 75-00.
(15) REPLACED LH ENGINE TURBO OIL FEED LINE BANJO SEALS WITH NEW IAW AUSTRO E4-08-04 MM CH 79-00.

DATE: 9/16/2022

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 9979-09-2022

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ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO. 99WE
WORK ORDER:
10125-01-2023



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

DATE: 2/9/2023
A/C TSN: 716.3
ENG TT (L): 716.3
TACH: 716.3

Left Engine Entries

(3) CAV ANNUAL INSPECTION ON LEFT 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-02-100-802. 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.
(39) REPLACED LH ENGINE INTAKE MANIFOLD ASSY BASE SEAL WITH NEW PN E4A-04-000-000-005 IAW E4-08-04 MM CH 85-30.
(41) REPLACED SEALS ON LH ENGINE OIL RETURN BANJO IAW E4 08-04 MM CH 79. OPS CHECKED GOOD.

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:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10125-01-2023

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PERFORMED:
(MENT)NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO: 99WE
WORK ORDER:
10392-09-2023



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

DATE: 9/13/2023
A/C TSN: 824.1
ENG TT (L): 824.1
TACH: 824.1

Left Engine Entries

(2) C/W 100 HR INSPECTION ON LH 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.
(5) C/W 600 HR WASTEGATE CIRCLIP INSPECTION- LH ENG. REPLACED CIRCLIP WITH NEW P/N E4A-41-100-801 IAW E4-08.04 MM CH 81-20.
(15) REPLACED LH ENGINE OIL FILTER RETURN BANJO BOLT SEALS IAW E4.08.04 CH 79-20. 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 9PRR4028

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ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO: 99WE
WORK ORDER:
10399-09-2023



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

DATE: 9/20/2023
A/C TSN: 829.5
ENG TT (L): 829.5
TACH: 829.5

Left Engine Entries

(2) REPLACED LH ENGINE FWD RIGHT MOUNT WITH NEW P/N D64-7126-14-71_01 IAW DA62 MM CHAPTER 71-00. OPS CHECK GOOD

DATE: 9/20/2023

SIGNED:

Work Order: 10399-09-2023

JUAN VALENCIA
CRS 9PRR4028

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1 of 2

ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C00240
REG. NO: 99WE
WORK ORDER:
10573-02-2024



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

DATE: 4/16/2024
A/C TSN: 906.9
ENG TT (L): 906.9
TACH: 906.9

Left Engine Entries

(4) C/W ANNUAL INSPECTION ON LEFT 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 MM. ADs CHECKED THROUGH CURRENT ON ATP NAVIGATOR.
(28) C/W 300 HR FLYWHEEL INSPECTION ON LH ENGINE IAW E4-08.04 CH 85. NO DEFECTS NOTED AT THIS TIME.
(34) C/W AD 2020-14-07 ON LH ENGINE FUEL INJECTORS REPLACEMENT EACH 900 HR. INSTALLED NEW INJECTORS P/N E4A-35-100-000 (4 EA) IAW AUSTRO E4-08.04 MM CH 73-10. LEAK CHECKED GOOD.
(36) C/W 900HR TIMING CHAIN REPLACEMENT ON LH ENGINE IAW AUSTRO E4.08.04 MM CH: 85-30-00.
(48) REPLACED LH COOLANT SENSOR O-RING WITH NEW P/N: D4D-9075-26-26 IAW DA62 MM CH: 75-00.
PERFORMED ENGINE RUN UP. LEAK CHECKED GOOD.
(49) REPLACED LH EXHAUST TAILPIPE SHOCK MOUNT WITH NEW P/N: 597205 IAW DA62 MM CH: 78-00.
(51) REPLACED LH OIL TEMP SENSOR O-RING WITH NEW P/N: E4A-51-000-808 IAW AUSTRO E4.08.04 MM CH: 79-30.

2 of 2

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

DATE: 4/16/2024

SIGNED:

Work Order: 10573-02-2024

JUAN VALENCIA
CRS 9PRR4028

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Section 3A: Engine Service and Maintenance Log

DATE

MAKE Diamond
MODEL DA62
S/N 62 096
REG NO 99WE
MODEL-L E4P-C
ENGINE S/N-L E4P
C00240

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

W/O # 10945-01-2026
DATE: 03-28-2026
ENG TT - L: 900.7
Tach: 900.7

OF WORK PERFORMED
(AIRS, REPLACEMENT)

BROUGHT
FORWARD

Left Engine Entries

- 4 C/W ANNUAL INSPECTION ON LH ENGINE IAW 14 CFR PART 43 APPENDIX-D USING DA62 MM CH 5 AND AUSTRO E4.08.04 MM INSPECTION CHECKLIST AS A GUIDE. CHANGED ENG OIL AND OIL FILTER WITH KIT PN E4A-00-301-KIT. SERVICED WITH 7 LITERS OF AEROSHELL DIESEL OIL 5W30. REPLACED FUEL FILTER WITH NEW PN WNK724_3. REPLACED GEARBOX FILTER WITH NEW P/N:E4A-70-000-808.
- 22 C/W 5 YR V-RIBBED BELT REPLACEMENT-- LH ENG. INSTALLED NEW P/N: E4A-74-100-801 IAW E4.08.04 MM CH: 24-31-00.
- 25 C/W 6 YR COOLANT SILICATE REPLACEMENT ON LH ENG. REPLACED SILICATE POUCH WITH NEW P/N: D44-9075-21-01 IAW DA62 MM CH 75-00.
- 28 C/W 200 HR LH ENGINE AIR FILTER REPLACEMENT WITH NEW P/N RU-1620 IAW DA62 MM CH:71-60-00.
- 65 REPLACED LH ENGINE OIL FILTER HOUSING LINE GASKETS AT HOUSING FITTING AND OIL SUMP BANJO WITH NEW P/N: DIN7603-A12x16-AL IAW AUSTRO MM E4.08.04 CH: 79-20.
- 66 REPLACED LH WASTEGATE CONTROLLER CIRCLIP WITH NEW PN E4A-41-100-801 IAW E4-08-04 MM CH 81-20.
- 67 REPLACED LH OIL DIPSTICK O-RING WITH NEW P/N: OR_37.6X2.8-ACM70 IAW E4.08.04 CH: 79-20.
- 68 REPLACED LH OIL LEVEL SENSOR O-RING WITH NEW P/N: E4A-51-000-808 IAW AUSTRO MM E4.08.04 CH: 79-30.
- 69 REPLACED SECOND ALTERNATOR BELT WITH NEW P/N: ISO4184XPZL987 IAW DA62 MM CH: 61-10-00. OPS CHECKED GOOD.
- 70 INSTALLED HEAT INSULATION ON LH FUEL INJECTOR COVER AS REQUIRED.
- 71 REPLACED LH ENGINE CHARGE PIPE O-RING WITH NEW P/N: DIN3771-46.2X3.55 AND NEW SHIM P/N: OS-SW1-690-530-003-C1 IAW DA62 MM CH 81-00. LEAK CHECKED GOOD.
- 72 REPLACED LH ENGINE HIGH PRESSURE FUEL PUMP O-RING WITH NEW P/N: DIN3771_44X3_ACM70 IAW AUSTRO MM E4.08.04 CH: 73-10-03. LEAK AND OPS CHECKED GOOD.
- 74 REPLACED LH ENGINE OIL SEPARATOR SYSTEM WITH NEW P/N E4A-53-110-000 IAW E4.08.04 CH 79. LEAK CHECKED GOOD.

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*
EMMANUEL VICIOSO
CRS 9PRR402B

WORK ORDER: 10945-01-2025
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TOTALS

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TOTALS

TOTALS
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Section 3A: Engine Service and Maintenance Log

DATE
/

MAKE: Diamond
MODEL: DA62
S/N: 62.096
REG. NO: 99WE
MODEL-L: E4P-C
ENGINE S/N-L: E4P-C00240

**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 - L: 990.7
Tach: 990.7

OF WORK PERFORMED:
(AIRS, REPLACEMENT)

BROUGHT FORWARD

Left Engine Entries

4

C/W ANNUAL INSPECTION ON LH ENGINE IAW 14 CFR PART 43 APPENDIX-D USING DA62 MM CH 5 AND AUSTRO E4.08.04 MM INSPECTION CHECKLIST AS A GUIDE. CHANGED ENG OIL AND OIL FILTER WITH KIT PN: E4A-00-301-KIT. SERVICED WITH 7 LITERS OF AEROSHELL DIESEL OIL 5W30. REPLACED FUEL FILTER WITH NEW PN: WK724_3. REPLACED GEARBOX FILTER WITH NEW P/N:E4A-70-000-806.

22

C/W 5 YR V-RIBBED BELT REPLACEMENT-- LH ENG. INSTALLED NEW P/N: E4A-74-100-801 IAW E4.08.04 MM CH: 24-31-00.

25

C/W 6 YR COOLANT SILICATE REPLACEMENT ON LH ENG. REPLACED SILICATE POUCH WITH NEW P/N: D44-9075-21-01 IAW DA62 MM CH 75-00.

28

C/W 200 HR LH ENGINE AIR FILTER REPLACEMENT WITH NEW P/N RU-1620 IAW DA62 MM CH:71-60-00.

65

REPLACED LH ENGINE OIL FILTER HOUSING LINE GASKETS AT HOUSING FITTING AND OIL SUMP BANJO WITH NEW P/N: DIN7603-A12x16-AL IAW AUSTRO MM E4.08.04 CH: 79-20.

66

REPLACED LH WASTEGATE CONTROLLER CIRCLIP WITH NEW PN E4A-41-100-801 IAW E4-08-04 MM CH 81-20.

67

REPLACED LH OIL DIPSTICK O-RING WITH NEW P/N: OR_37.6X2.8-ACM70 IAW E4.08.04 CH: 79-20.

68

REPLACED LH OIL LEVEL SENSOR O-RING WITH NEW P/N: E4A-51-000-808 IAW AUSTRO MM E4.08.04 CH: 79-30.

69

REPLACED SECOND ALTERNATOR BELT WITH NEW P/N: ISO4184XPZL987 IAW DA62 MM CH: 61-10-00. OPS CHECKED GOOD.

70

INSTALLED HEAT INSULATION ON LH FUEL INJECTOR COVER AS REQUIRED.

71

REPLACED LH ENGINE CHARGE PIPE O-RING WITH NEW P/N: DIN3771-46.2X3.55 AND NEW SHIM P/N: DS-SW1-690-530-003-C1 IAW DA62 MM CH 81-00. LEAK CHECKED GOOD.

72

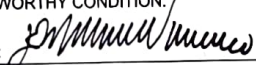
REPLACED LH ENGINE HIGH PRESSURE FUEL PUMP O-RING WITH NEW P/N: DIN3771_44X3_ACM70 IAW AUSTRO MM E4.08.04 CH: 73-10-03. LEAK AND OPS CHECKED GOOD.

74

REPLACED LH ENGINE OIL SEPARATOR SYSTEM WITH NEW P/N E4A-53-110-000 IAW E4.08.04 CH 79. LEAK CHECKED GOOD.

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

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MAKE: Diamond
MODEL: DA62
S/N: 62.096
REG. NO: 99WE
MODEL-L: E4P-C
ENGINE S/N-L: E4P-C00240

**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 - L: 1089.0
Tach: 1089.0

Left Engine Entries

3

C/W ANNUAL INSPECTION ON LH 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.

22

C/W 100 HR CHECK ENGINE HARNESS ON LH ENGINE IAW E4.08.04 MM CH: 71-50-00. NO DEFECTS FOUND AT THIS TIME.

31

REPLACED LH ENGINE OIL LEVEL SENSOR O-RING WITH NEW P/N E4A-51-000-808 IAW AUSTRO E4.08.04 MM CH: 79-30-00. LEAK CHECKED GOOD.

32

PERFORMED LH ALTERNATOR FUNCTIONAL CHECK. REPLACED BRUSHES WITH NEW P/N: E4A-91-410-000 IAW AUSTRO E4.08.04 MM CH: 24-31-00. OPS CHECKED GOOD.

38

REPLACED LH ENGINE TURBOCHARGER WITH NEW P/N: E4C-00-411-000 S/N: BF6104953900027 IAW E4.08.04 MM CH: 81-20. OPS CHECK GOOD.

47

PERFORMED BORESCOPE INSPECTION AND COMPRESSION TEST ON LEFT ENGINE IAW MSB-E4-043 AND E4.08.04 CH: 05-60-00 DUE TO OIL ANALYSIS TEST RESULTS. NO DEFECTS FOUND. NEXT OIL SAMPLE DUE IN 50 HOURS.

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

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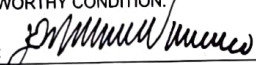
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