

RH

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-00014
5. Date of Manufacture:	October 21, 2015
6. Aircraft Inspection Cycle:	

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
			29	1		

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

BROUGHT
FORWARD



ABSOLUTE AERO

MAINTENANCE

21889 Skywest Drive, Hayward, CA 94541 · 510 782-6591

ENGINE ENTRY

WORK ORDER: 2418 AIRCRAFT: N833ME TACH: 217.0 TSOH: N/A TTE: 217.0

DATE: 07/29/2019

R/H ENGINE MODEL: Austro E4P-C S/N: E4P-C-00014

Completed all 100 hour servicing using service kit (P/N: DA42-AE-100KIT). Drained and sampled oil. Removed and replaced oil filter with new. Examined old oil filter element, no contaminants found. Serviced engine with 6 liters of Aeroshell Diesel Ultra oil. Drained and sampled gearbox oil. Inspected and reinstalled gearbox oil filter. Serviced gearbox using removed oil and topped off with new Shell Spirax S6 GXME 75W80 oil. Replaced fuel filter. Pressure tested coolant system. Ground ran engine, leak and ops check good. No defects noted at this time. Downloaded ECU engine log file and event recorder. C/W AD 2018-07-16 "waste gate control rod" by installation of waste gate actuator fail safe bridge (P/N: AEP-00265-000) per Austro SI-E4-011 approved AMOC to the AD and terminating action to the repetitive actuator replacement. Improved circlip previously installed per Austro MSB-E4-022/5. No further action required. If the engine experiences an in-flight windmilling restart AD 2018-18-02 "timing chain failure" will be due within 110 flight hours of the event or before the timing chain reaches 945 hours in service, whichever occurs later. Verified AD's current through FAA AD biweekly 2019-15. All work completed in accordance with the Diamond DA 62 Maintenance Manual, the Austro E4 Maintenance Manual and temporary revision MM-TR-MDC-E4-422c. -END

I certify that this engine has been inspected in accordance with FAR 43 Appendix D (100 Hour Inspection) and has been determined to be in an airworthy condition.

Brandon Thompson A&P / IA 3212565

ENGINE MODEL: E4P
ENGINE S/N (R):
E4P-C-00014
REG NO: 833ME
WORK ORDER:
9268-02-2021

Premier
Aircraft Service

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

DATE: 4/19/2021
A/C TSN: 260.5
ENG TT (R): 260.5
TACH: 260.5

Right Engine Entries

- (9) REPLACED RH ENGINE HIGH PRESSURE FUEL PUMP BASE O-RING WITH NEW P/N DIN3771_44X3_ACM70 IAW AUSTRO E4-08-04 MM CH 73-10-03. ENG RUN UP CHECKED GOOD.
- (13) UPDATED RH ECU SOFTWARE TO VERSION#24 IAW AE300 WIZARD. ENGINE RUN UP CHECKED GOOD.

DATE: 4/19/2021

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 9268-02-2021

Printed by EBis 3 (datcomedia.com)

THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

1 of 2

ENGINE MODEL: E4P
ENGINE S/N (R):
E4P-C-00014
REG. NO. 833ME
WORK ORDER:
9454-07-2021



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

DATE: 10/6/2021
A/C TSN: 289.8
ENG TT (R): 289.8
TACH: 289.8

LICENCE:

AME or
AMO/ACA

Right Engine Entries

- (4) C/W ANNUAL INSPECTION ON RH ENGINE IAW 14 CFR PART 43 APPENDIX-D USING DA62 MM CH 5 AND AUSTRO E4 08 04 MM 300 HR 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 PN: E4A-70-000-806.
(27) C/W 5 YR V-RIBBED BELT REPLACEMENT ON RH ENG IAW: AUSTRO E4 08 04 MM CH 85-40-00.
(30) C/W 300 HR ALTERNATOR BRUSH INSPECTION ON RH ENGINE IAW: AUSTRO E4 08 04 MM CH 24-31-00.
(32) C/W 300 HR RH ENG TWO-MASS FLYWHEEL INSPECTION. REPLACED TWO-MASS FLYWHEEL AND HUB ASSY. PN OFF: E4A-300-000_030 SN OFF: 01288. PN ON: E4A-73-300-000_AB.1 SN ON: 04685 IAW: AUSTRO E4 08 04 MM CH 85-10-00.
(39) C/W MSB-E4-026/1 RH ENGINE HARNESS INSPECTION.
(41) C/W MSB-E4-029/1 INSTALLATION OF PRESS VALVE HOSE RESTRICTOR- RH ENG
(43) C/W MSB-E4-031/1 OIL PUMP REPLACEMENT- RH ENG. N/A BY S/N.
(45) C/W MSB E4-034 HP FUEL PUMP GEAR INSP- RH ENG. N/A BY S/N.
(47) C/W MSB E4-035 CYL HEAD ASSY AND HP FUEL PUMP GEAR- RH ENG. N/A BY P/N.
(66) REPLACED RH ENG COOLANT TANK CAP WITH NEW P/N 11000118 AND ADJUSTED LOCKING TABS. PRESSURE TESTED IAW DA62 AMM CH 75.
(67) INSTALLED OIL QUICK DRAIN PLUG PN: D44-9071-06-02 ON RH ENG AS REQUIRED.

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: 10/6/2021

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 9454-07-2021

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P
ENGINE S/N (R):
E4P-C-00014
REG. NO. 833ME
WORK ORDER:
10031-11-2022



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

DATE: 1/20/2023
A/C TSN: 371.5
ENG TT (R): 371.5
TACH: 371.5

Right Engine Entries

- (4) C/W ANNUAL/300 HR INSPECTION ON RH 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 PN: E4A-70-000-806.
(33) MSB-E4-039 OIL ANALYSIS AND PISTON REPLACEMENT ON RH ENGINE- N/A BY S/N.
(45) REPLACED RH ENGINE HP FUEL PUMP BASE SEAL WITH NEW P/N DIN3771-44X3_ACM70 ON IAW AUSTRO E4-08-04 MM CH 73-10.
(47) REPLACED SEALS ON RH ENGINE TURBO RETURN LINE IAW AUSTRO E4-08-04 MM CH 79-20.
(50) PAINTED AND INSTALLED HEAT SHIELD ON RH ENGINE VALVE COVER IAW E4-08-04 MM CH 85-10 AND DA62 MM CH 51-00.

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

DATE: 1/20/2023

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10031-11-2022

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P
ENGINE S/N (R):
E4P-C-00014
REG. NO. 833ME
WORK ORDER:
10550-02-2024



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

DATE: 5/1/2024
A/C TSN: 427.1
ENG TT (R): 427.1
TACH: 427.1

Right Engine Entries

- (4) C/W ANNUAL INSPECTION ON RH 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 PN: E4A-70-000-806.
(26) REPLACED RIGHT HPP O-RING WITH NEW P/N DIN3771_44X3_ACM70 IAW E4.08.04 MM CH 73-10. LEAK CHECKED GOOD.
(28) REPLACED RH ENGINE TURBO OIL FEED LINE BANJO SEALS WITH NEW P/N: DIN7603-14X18X2.0 IAW AUSTRO E4.08.04 MM CH: 79-00. LEAK CHECKED GOOD.
(29) REPLACED RH TURBOCHARGER SYSTEM WITH NEW P/N: E4C-00-410-BHY S/N: YL6057829600051 IAW E4.08.04 MM CH: 81-20-00. OPS CHECK GOOD.
(30) REPLACED RH OIL FILTER DRAIN LINE WITH NEW GASKETS P/N: DIN7603-A12X16-AL IAW E4.08.04 MM CH: 79-20-00. 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: 5/1/2024

SIGNED:

JUAN VALENCIA
CRS 9PRR402B

Work Order: 10550-02-2024

Printed by EBis 3 (datcomedia.com)

Section 3A: Engine Service and Maintenance Log

DATE

1 / 1

BROUGHT
FORWARD

ENGINE MODEL E4P
ENGINE S/N (R)
E4P-C-00014
REG. NO. 833ME
WORK ORDER
10762-07-2024



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

DATE: 8/1/2024
A/C TSN: 438.6
ENG TT (R): 438.6
TACH: 438.6

WORK PERFORMED
(REPLACEMENT)

Right Engine Entries

(2) REPLACED RH ENGINE TURBO WASTEGATE CONTROLLER WITH NEW P/N: E4A-41-120-000 AND PRESSURE VALVE WITH NEW P/N: E4B-41-300-801 IAW E4.08.04 MM CH 81-20-00. OPS AND LEAK CHECKED GOOD.

DATE: 8/1/2024

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10762-07-2024

Printed by EBIS 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME
MODEL-R: E4P
ENGINE SN-R: E4P-C-00014



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

W/O #: 10874-11-2024
DATE: 03-12-2025
ENG TT - R: 438.6
Tach: 438.6

Entries

- 8 REPLACED RH ENGINE HPP BASE O-RING WITH NEW P/N: DIN3771_44X3_ACM70 IAW E4-08-04 MM CH: 73-10-03. LEAK CHECKED GOOD.
- 9 REPLACED LEFT AND RIGHT FORWARD ENGINE MOUNTS ON RIGHT ENGINE WITH NEW P/N D64-7126-14-70_02 & D64-7126-14-71_02 IAW DA62 MM CH 71-20.
- 11 REPLACED RH TURBO OIL RETURN LINE BANJO SEALS WITH NEW P/N: DIN7603-12X16X2.0 IAW E4-08-04 MM CH: 79-20-00.

DATE: 03-12-2025

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

WORK ORDER: 10874-11-2024

Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME
MODEL-R: E4P
ENGINE S/N-R: E4P-C-00014



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

W/O #: 11088-05-2025
DATE: 07-15-2025
ENG TT - R: 526.1
Tach: 526.1

Right Engine Entries

- 4 C/W ANNUAL INSPECTION ON RH 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.
- 45 REPLACED RH ENG FUEL HPP BASE O-RING WITH NEW P/N: DIN3771_44X3_ACM70 IAW MM E4.08.04 CH: 73-10-03.
- 59 REPLACED RH OIL DIPSTICK ORING WITH NEW P/N: DIN3771-37.77X2.62
- 62 REPLACED RH ENG TURBO OIL SUPPLY LINE BANJO GASKETS WITH NEW P/N: DIN7603-12x16x2.0 IAW E4.08.04 CH: 79-20-00.
- 63 REPLACED RH OIL FILTER BASE RETURN LINE BANJO FITTING GASKETS WITH NEW P/N: DIN7603-A12x16-AL IAW E4.08.04 CH: 79-20-00.

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

DATE: 07-15-2025

SIGNED:

Emmanuel Vicioso
CRS: # 9PRR402B

WORK ORDER: 11088-05-2025

Printed by EBIS (EBISCloud.com)

THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME
MODEL-R: E4P
ENGINE S/N-R: E4P-C-00014



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

W/O #: 11190-08-2025
DATE: 10-03-2025
ENG TT - R: 535.4
Tach: 535.4

E/
TURE

LICENCE:
AME or
AMO/ACA

Right Engine Entries

- 6 REPLACED RH TURBO WASTEGATE ACTUATOR WITH NEW P/N E4A-41-120-000 IAW E4-08-04 MM CH 81-20-00. OPS CHECKED GOOD.

DATE: 10-03-2025

SIGNED:

Emmanuel Vicioso
CRS: # 9PRR402B

WORK ORDER: 11190-08-2025

Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME



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

W/O #: 11190-08-2025
DATE: 10-17-2025
Airframe TT: 535.7
Tach: 535.7

Airframe Entries

- 11 REPLACED RH TURBO BPA VALVE WITH NEW P/N E4A-41-300-801 AND RESTRICTOR WITH NEW P/N AEP-00361 IAW E4-08-04 MM CH 81-20-00. ENGINE RUN UP CHECKED GOOD.

DATE: 10-17-2025

SIGNED:

Emmanuel Vicioso
CRS: # 9PRR402B

WORK ORDER: 11190-08-2025

Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME
MODEL-R: E4P
ENGINE S/N-R: E4P-C-00014



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

W/O #: 11279-11-2025
DATE: 11-24-2025
ENG TT - R: 552.1
Tach: 552.1

Entries

- 2 PERFORMED RH ENGINE DOWNLOAD. CLEARED AND PERFORMED ENGINE GROUND RUN. NO FAULTS NOTED. NO FURTHER ACTION AT THIS TIME.

DATE: 11-24-2025

SIGNED:

Samuel Tavarez
License: A&P 3521895

WORK ORDER: 11279-11-2025

Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.015
REG. NO: 833ME
MODEL-R: E4P
ENGINE S/N-R: E4P-C-00014



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

W/O #: 11279-11-2025
DATE: 11-26-2025
ENG TT - R: 552.9
Tach: 552.9

Entries

- 6 REMOVED RH ENGINE PROP GOVERNOR P/N: P-877-16 S/N: 15G350FE/5/15 AND INSTALLED NEW P/N: P-877-16 S/N: 25G337-KH. IAW E4.08.04 MM CH-85-60-00. PERFORMED ENGINE RUN UP. OPS CHECKED GOOD.

DATE: 11-26-2025

SIGNED:

Samuel Tavarez
CRS: # 9PRR402B

WORK ORDER: 11279-11-2025

Printed by EBIS (EBISCloud.com)