

LH 100 km
Annual

ENGINE DATA

1. Make Austro Engine GmbH
2. Model E4D-C
3. Specification E00081EN
4. Manufacturer's Serial Number E4D-C-00185
5. Date of Manufacture June 2018



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							



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

Registration: N149DA
Airframe Total Time: 29.5
Engine LH SN: E4P-C-00185

AC Serial Number: 62.092
Work Order: SO 071959
Engine LH TT: 29.5

- Engine E4P, S/N: E4P-C-00185, installed on Aircraft DA 62 S/N: 62.092, LEFT
- Total Time Engine brought forward: 29.5 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 2018-18
- 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



SEP 17 2018

Date: _____



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

Registration: N149DA
Airframe Total Time: 29.5
Engine LH SN: E4P-C-00185

AC Serial Number: 62.092
Work Order: SO 071959
Engine LH TT: 29.5

- Installed propeller unfeathering accumulators on LH and RH engines per Diamond approved Drawing No. D67-6116-00-00 Rev.A. & DA62 AMM Ch.61-20-00. OAM 62-030 (a) (Operation without Unfeathering Accumulators) no longer applicable to this Aircraft.
- Installed accumulator PN: P-893-3 SN: 18A074 on LH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- LH gear box oil level adjusted following accumulator install.
- Ground runs and feather checks satisfactory.

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



SEP 25 2018

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Date: _____

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Section 3A: Engine Service and Maintenance Log

DATE / /	TIME HOURS min	TIME HOURS min	CYCLES TOTAL

SA SouthTecAviation
Office: 704-431-6862

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: March 5, 2019 | Left Engine | Austro E4P-C | S/N: E4P-C-00185 | Reg: N149DA

Tach: 99.4 hrs. TTE: 99.4 hrs.

150 hour inspection completed this date in accordance with Diamond Aircraft DA62

and Austro ABE 10-20-2 DUE. Serviced engine with 100 hour Austro Engine

oil (P/N) E4A-52-000-R17. Cut oil filter, no metal noted. Drained and refilled with

seven (7) liters of Liqui Moly Leichtlauf High Tech SAE 5W-40. Replaced gear oil with

(P/N) MICOX 3. Replaced gear oil with Spirax-S6-GXME75W-80. Replaced fuel filter

sample sent to Blackstone Laboratories for analysis. Operational and leak check

performed, no leaks found at this time.

I certify that this engine has been inspected in accordance with a 150 hour

inspection and was determined to be in an airworthy condition.

Christian Hedrick
Christian Hedrick

A&P 3740465 IA

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: August 1, 2019 | Left Engine | Austro E4P-C | S/N: E4P-C-00185 | Reg: N149DA

Tach: 180.7 hrs. TTE: 180.7 hrs.

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND

AIRCRAFT INDUSTRIES GMBH DA62 AND AMM AUSTRÖ ENGINE REPAIR MANUAL. AD

AD-15-18-01 COMPLIANT WITH PARAGRAPH 10.11 OF AD BY AMENDING THE

WORKING INSTRUCTIONS IN FIGURE 1 TO 10.11 OF AD BY AMENDING THE

ENGINE WITH 100 HOUR AUSTRÖ ENGINE KIT. P/N: E4A-52-000-R17. CUT OIL

FILTER AND INSPECTED FOR METAL. NONE NOTED. DRAINED OIL AND FILLED

WITH LIQUI MOLY LEICHTLAUF HIGH TECH SAE 5W-40. COLLECTED OIL SAMPLE

FOR ANALYSIS. DRAINED GEARBOX OIL. INSPECTED MAGNETIC PLUG. NO FAULTS

NOTED. FILTERED OIL AND REFILLED GEARBOX. PRESSURE TESTED COOLANT

SYSTEM. OIL SEPARATOR LEAKING. TORQUED CHAINCASE AND CLEANED

FAULTS NOTED. MAINTENANCE COMPLETED IN ACCORDANCE WITH DIAMOND

AIRCRAFT INDUSTRIES GMBH DA62 AND AMM AUSTRÖ ENGINE MM. I CERTIFY

THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL

INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Christian Hedrick
Christian Hedrick

A&P 3740465 IA

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: July 10, 2020 | LEFT ENGINE | AUSTRÖ E4P-C | S/N: E4P-C-00185 | REG: N149DA

TACH: 267.1 HRS. TTE: 267.1 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT

INDUSTRIES GMBH DA62 AND AMM AUSTRÖ ENGINE REPAIR MANUAL.

NO AD'S DUE AT THIS TIME.

REPLACED OIL FILTER AND FILLED WITH LIQUI MOLY LEICHTLAUF HIGH TECH SAE 5W-40.

CUT OIL FILTER AND INSPECTED FOR METAL. NONE NOTED.

REPLACED OIL FILTER. P/N: (E4A-52-000-R17).

COLLECTED OIL SAMPLE FOR ANALYSIS TO BE COMPLETED BY BLACKSTONE LABORATORIES.

DRAINED GEARBOX OIL. INSPECTED MAGNETIC PLUG. NO FAULTS NOTED.

REPLACED GEARBOX OIL WITH SPIRAX-S6-GXME75W-80.

REPLACED GEARBOX FILTER, P/N: (E4A-70-000-806).

PRESSURE TESTED COOLANT SYSTEM.

GROUND RAN ENGINE. NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL

INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Christian Hedrick
Christian Hedrick

A&P 3740465 IA

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

SA SouthTecAviation

DATE: JULY 10, 2020 | LEFT ENGINE | AUSTRÖ E4P-C | S/N: E4P-C-00185 | REG: N149DA

TACH: 267.1 HRS. TTE: 267.1 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT

INDUSTRIES GMBH DA62 AND AMM AUSTRÖ ENGINE REPAIR MANUAL.

NO AD'S DUE AT THIS TIME.

REPLACED OIL FILTER AND FILLED WITH LIQUI MOLY LEICHTLAUF HIGH TECH SAE 5W-40.

CUT OIL FILTER AND INSPECTED FOR METAL. NONE NOTED.

REPLACED OIL FILTER. P/N: (E4A-52-000-R17).

COLLECTED OIL SAMPLE FOR ANALYSIS TO BE COMPLETED BY BLACKSTONE LABORATORIES.

DRAINED GEARBOX OIL. INSPECTED MAGNETIC PLUG. NO FAULTS NOTED.

REPLACED GEARBOX OIL WITH SPIRAX-S6-GXME75W-80.

REPLACED GEARBOX FILTER, P/N: (E4A-70-000-806).

PRESSURE TESTED COOLANT SYSTEM.

GROUND RAN ENGINE. NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL

INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Christian Hedrick
Christian Hedrick

A&P 3740465 IA

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Blue Line		Blue Line Technical Services, LLC	
915-578-3728		3149 B Swift Creek Rd. Smithfield NC. 27577	
Make: Diamond	Model: DA62	Serial No: 62.092	Tach: 283.8
Reg. No: N149DA	Eng Model: E4P-C	Eng Serial: E4P-C-00185	TT Adjust: 0
WORK PERFORMED:	SNOW	283.8	Total Time: 283.8
Updated ECU software to latest version E4CT_00_VC33_2P_06_24.			
Robert T Robinson III A&P 4074592		Signature	
Name/Certificate No.		12/21/2020	
		Date	

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DATE: AUGUST 18, 2021 | LEFT ENGINE | AUSTRO E4P-C | S/N: E4P-C-00185 | REG: N149DA
TACH: 381.7 HRS. TTE: 381.7 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE IN REFERENCE TO DIAMOND AIRCRAFT INDUSTRIES GMBH DA62 AIRPLANE MAINTENANCE MANUAL, INSPECTION CHECK LIST AND AUSTRO ENGINE REPAIR MANUAL.

NO AD'S DUE AT THIS TIME.

DRAINED OIL AND FILLED WITH AEROSHELL DIESEL ULTRA 5W-30.
CUT OIL FILTER AND INSPECTED FOR METAL, NONE NOTED.
REPLACED OIL FILTER, P/N: (E4A-52-300-KIT).
COLLECTED OIL SAMPLE FOR ANALYSIS TO BE COMPLETED BY BLACKSTONE LABORATORIES.
REPLACED FUEL FILTER, P/N: (WK724_3).

300 HOUR ALTERNATOR(S) INSPECTION COMPLIED WITH. NEXT DUE AT 681.7 TTE.

300 HOUR INJECTOR(S) COVER INSPECTION COMPLIED WITH. NEXT DUE AT 681.7 TTE.

300 HOUR TWO MASS FLYWHEEL INSPECTION COMPLIED WITH.
REPLACEMENT OF TWO MASS FLYWHEEL IS DUE AT 600 HOURS TTE.

DRAINED GEARBOX OIL; FILTERED AND INSPECTED.
INSPECTED MAGNETIC PLUG, NO FAULTS NOTED.
REFILLED GEARBOX OIL.
REPLACED GEARBOX OIL FILTER, P/N: (E4A-70-000-806).

PRESSURE TESTED COOLANT SYSTEM.
RELOCATED WIRE HARNESS TO PREVENT CHAFING ON METAL COOLANT LINE.
GROUND RAN ENGINE, NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

TIMOTHY DALE JORDAN

A&P 3264477 IA

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3330 AIRPORT LOOP
SAUSBURY NC 28147
OFFICE: 704-431-6862
INFO@SOUTHTECAVIATION.COM



Registration: N149DA Model: DA-62 Serial: 62.092 TACH: 475.5 Date: 12/1/2021
Left Engine Austro E4P-C S/N: E4P-C-00185 TTE: 475.5

Removed Oil pressure sensor and replaced with new P/N E4A-52-100-801 and new gasket P/N DIN7603-A12X16-
Al. Cleared ECU fault codes and ground ran engine. No defects noted. All work performed referencing Austro
repair manual. Darrah Bosse A&P 4439862

Galvin Flying | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM



Registration: N149DA Model: DA-62 Serial: 62.092 TACH: 478.0 Date: 12/28/2021
Left Engine Austro E4P-C S/N: E4P-C-00185 TTE: 478.0

- 200 hour completed this date in accordance with Diamond Aircraft DA62 AMM and Austro MM
- DraINED oil, collected oil sample and serviced with Aeroshell DIESEL ULTRA. Cut open oil filter and inspected for metal, none noted. Installed new oil filter P/N E4A-52-100-802. Drained gearbox oil and inspected gearbox oil filter and magnetic plug for metal, none noted. Serviced gearbox with Shell Spirax S6 GEME 75W-80.
- Serviced coolant with G48. Pressure tested coolant system and found no leaks or discrepancies.
- ALADO's complied with through 2021-25

I certify that this engine has been inspected in accordance with a 100 inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

Darrah Bosse A&P 4439862

Galvin Flying | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM

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
(INSPECTION, REPAIR, MAINTENANCE)



Registration: N149DA Model: DA-62 Serial: E2.092 TACI: 579.2 Date: 4/11/2022
Left Engine: Austro F4P-C 5/N: F4P-C-00185 TRO: 579.2

Left Engine Austro E4P-C S/N: E4P-C-00185 TTE: 579.2

- 100 hour completed this date in accordance with Diamond Aircraft DA62 AMM Sec 7-2 DOW: A11/2022
 1. Drained oil, collected oil sample and serviced with Aeroshell DA62 AMM Sec 7-2 DOW: A11/2022
 Inspected for metal, none noted. Installed new oil filter P/N: 98-00-00185 TITE. S78.2
 Inspected gearbox oil filter and magnetic plug for metal, none noted. Serviced gearbox with Shell Sprix
 SS OXME ZVSH-80.
 2. Serviced coolant with G48. Pressure tested coolant system; found no leaks or discrepancies.
 3. Performed 600-hour component time limit replacement of high pressure fuel pump. Replaced
 09-06-0010388. New seals were used for fuel p/n/DIN6073-12X2.0 and DIN6073-12X16.40. No leaks
 noted. Next test at 779.2 TTE
 4. Replaced fuel filter through 2022-03-01
 5. Airframe has been inspected in accordance with 2022-03-01

ALLAD'S complied with through 2022-07
I certify that this ~~9/2/22~~

and has been found to be in an airworthy condition at this time.

Darrah Boese A&P 4439862

CALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@CALVINFLYING.COM



Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 629.4 Date: 5/15/2022
Left Engine Austro E4P-C S/N: E4P-C-00185 TTE: 620

Left Engine Austro E4P-C S/N: E4P-C-00185 TTE: 629.4

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Registration: N149DA Model: DA-62 Serial: 62.092 TACH: 692.3 Date: 6/27/2022
Left Engine: Austro E4P-C 5/N: E4P-C-00185 TTE: 692.3
Diamond Aircraft DA62 AMM and Austro

Left Engine Austro E4P-C S/N: 14P-1-00000

1. 320 hour completed this date in accordance with Diamond and Austro Maintenance manuals.
2. Drained oil, collected oil sample and serviced with AeroShell DIESEL ULTRA. Cut open oil filter and inspected for metal, none noted. Installed new oil filter P/N EA-52-100-802. Drained gearbox oil and inspected for metal, none noted. Installed new oil filter P/N EA-52-100-802. Drained gearbox oil and inspected for metal, none noted. Serviced gearbox with Shell Spirax 68 GEAR 75W-80.
3. Serviced coolant with G48. Pressure tested coolant system and found no leaks or discrepancies. Inspected broken cam shaft sensor connector male end with new.

4. Replaced broken timing belt and water pump.
5. Torqued and safety wired AUX alternator hardware per instructions.
ADAP's complied with through 2022-13
I certify that this engine has been inspected in accordance with a 100 inspection as described in CFR 14 Part 43 Appendix D
and has been found to be in an airworthy condition at this time.

Darrah Bosse A&P 4439862

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Registration: N149DA Make: Diamond Model: DA62 Serial: 62.092 Tach: 731.1 Date: 09/14/2022
LEFT ENG Make: Austro Engine ENG Model: E4P-C Serial: E4P-C-00185 ENGT: 731.1

LEFT ENG Make: Austro Engine ENG Model: E4P-C Serial: E4P-C-00185 ENGTT: 731.1

2. Updated AD compliance list through 2022-18.
3. Serviced engine and gearbox per Austro Engine E4P series 100hr requirements and guidelines. Serviced Engine with 75 liters of AeroShell Diesel Ultra Oil. Serviced Gearbox with Shell Spirax 56 GXME 75W-80 oil. Performed work by Seungwon Oh Henry Dunn, and Gabrielle Gonzales using Austro Engine 100hr kit, **PN E4A-52-000-KIT**.
4. Performed coolant system pressure test, no discrepancy noted. Work performed by Seungwon Oh.
5. Performed waste gate controller adjustment setting test, no discrepancy noted. Reconnected hoses with serviceable clamp. Work done in ref. to Austro Engine L4 series AMM. Work performed by Seungwon Oh.
6. Replaced torque on pear box magnetic plug. Removed old gearbox **PN E4A-70-000-000 lss. AB1, SN 2729** and replaced gearbox with **PN E4A-70-000-00- lss. AG3, SN 4889**. Reinstalled all parts that removed and secured, torqued, and satisfed ref. **PN E4A-70-000-000 lss. AMM**. Performed leak check, no leaks noted at this time. Work performed by Henry Dunn, Sangyoung Lee, Darrah Bosse, and Gabrielle Gonzales.
7. Removed and replaced sealing ring on turbocharger oil return pipe upper barjo bolt with new **PN DIN-7603-16x18x2.0** and torqued and satisfed ref. Austro E4P series MM. Performed leakcheck, no leaks noted at this time. Work performed by Seungwon Oh.
8. Removed breather tube and drain adapter and cleaned as necessary ref. D462 AMM. Work performed by Jinho Jeon.
9. Cleaned oil stain on turbocharger compressed air out pipe and hose and re-torqued clamps as necessary. Work performed by Jinho Jeon.
10. Serviced engine coolant with ZereX G48 and torqued and satisfed ref. Austro Engine E4P series MM. Work performed by Henry Dunn.

I certify that this engine has been inspected in accordance with an Annual Inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

GALVIN FLYING | 7041 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.0777 Sangnyoung Lee 400

Section 3A: Engine Service and Maintenance

DATE: 05/09/2023 TIME: 08:00 CYCLES: 825



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 825 Date: 05/09/2023
LEFT ENG Make: Austro Engine ENG Model: EAP-C Serial: EAP-C-00185 ENGTT: 825

- Updated AD compliance list through 2023-08.
- Serviced engine and gearbox per Austro Engine EAP series 300hr requirements and guidelines. Serviced Engine with 6 liters of Aeroshell Diesel Ultra Oil. Serviced Gearbox with Shell Spirax S6 GXME 75W-80 oil. Performed work by Sangmyoung Lee, Darrah Bosse, and Alberto Varquez using Austro Engine 1000v kit, PN EAA-52-000-KIT.
- Replaced bad gearbox oil filter plug screw o-ring with new PN MS8775-121.
- Performed coolant system pressure test, no discrepancy noted. Work performed by Fidel Chishungu.
- Performed waste gate controller adjustment setting test, no discrepancy noted. Reconnected hose with new clamp PN 15400032. Work done in ref. to Austro Engine EAP series MMA.
- Serviced engine coolant with Zerec G48 and torqued and safetied ref. Austro Engine EAP OM and EAP series MMA. Work performed by Fidel Chishungu.
- Dressed LH additional alternator belt as necessary.

I certify that this engine has been inspected in accordance with an Annual Inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

[Signature]

Sangmyoung Lee AP3883362IA

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Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 875 Date: 05/12/2023
LEFT ENG Make: Austro Engine ENG Model: EAP-C Serial: EAP-C-00185 ENGTT: 875

- Updated AD compliance list through 2023-08.
- Serviced engine and gearbox per Austro Engine EAP series 300hr requirements and guidelines. Serviced Engine with 7 liters of Aeroshell Diesel Ultra Oil. Serviced Gearbox with Shell Spirax S6 GXME 75W-80 oil. Performed work by Jinho Jeon and Jeseok Seo using Austro Engine 1000v kit, PN EAA-00-301-KIT.
- Serviced engine coolant with Zerec G48 and performed coolant system pressure test, no discrepancy noted. Torqued and safetied ref. Austro Engine EAP OM and EAP series MMA. Work performed by Jeseok Seo.
- Performed waste gate controller adjustment setting test, no discrepancy noted. Reconnected hose with sense/leak clamp. Work done in ref. to Austro Engine EAP series MMA.
- Removed and replaced cylinder head assembly with new using PN EAP-00-900-KIT (new cylinder head PN EAA-12-500-000, SN 12282, new injector #1 SN 67844E, #2 SN 78Y67N, #3 SN 8185C, #4 SN 82R1DA) ref. Austro EAP series MMA. Replaced harjo bolt on oil return pipe from oil separator with new PN EAA-56-000-801. Performed leak check, no leaks noted at this time. Work performed by Jinho Jeon, and Sangmyoung Lee.
- C/W AD 2020-14-07 by replacing timing chain and fuel injectors. Next due at Tach 1775.
- Removed gearbox and propeller. Performed 300hr flywheel inspection. Found that the grease leaking on primary mass as out of limits, needs to be replaced. Replaced flywheel assembly with new PN EAA-72-300-00, AB-1, SN 06980 with new hub PN EAP-73-000-203-AA-1, SN 06988 and torqued screws. Reinstalled gearbox and all the components, which were removed. Secured, torqued and safetied as necessary. Reinstalled prop, and torqued. No leaks noted at this time. Work performed in ref. to Austro Engine EAP MMA and DA62 AMM by Jinho Jeon, Jeseok Seo, and Sangmyoung Lee.
- Updated ECU software version as necessary with ver. E4CT_00_VCK3_2P_07_25. Work performed by Darrah Bosse.

I certify that this engine has been inspected in accordance with an Annual Inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

[Signature]

Sangmyoung Lee AP3883362IA

A5



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 877.6 Date: 05/09/2023
LEFT ENG Make: Austro Engine ENG Model: EAP-C Serial: EAP-C-00185 ENGTT: 877.6

- Updated and replaced engine oil filter, inspected and no discrepancy noted at this time. Serviced engine oil per Austro EAP series guidelines. Serviced Engine with 7 liters of Aeroshell Diesel Ultra Oil.
- Engine EAP series guidelines. Serviced G48, no leaks noted. Torqued and safetied ref. Austro Engine EAP OM and EAP series MMA.
- Serviced engine coolant with Zerec G48, cylinder head cover and fuel injectors. Removed and replaced cylinder head cover with new parts as necessary ref.
- Serviced MMA. Work performed by Jeseok Seo.
- Replaced exhaust muffler, turbocharger, injector cover, turbocharger, and muffler and replaced parts as required by Jeseok Seo.
- Replaced carburetor brackets to the right position. Reinstalled injectors, injector cover, and muffler and replaced parts as required by Jeseok Seo.
- Austro EAP series MMA. Performed ground test and leak check, no leaks noted at this time. Work performed by Jinho Jeon, and Sangmyoung Lee.

[Signature]

Jinho Jeon AP4059325

GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 889.0 Date: 05/15/2023
LEFT ENG Make: Austro Engine ENG Model: EAP-C Serial: EAP-C-00185 ENGTT: 889.0

- Removed LH engine cowling. Removed injector cover. Reconnected and retorqued fuel lines from fuel rail to injectors. Reconnected and safetied fuel return lines on injectors. Reinstalled fuel injector cover. Leak checked, no leaks noted at this time. Torqued and safetied the parts as necessary. Work done in ref. to Austro Engine EAP series MMA. Reinstalled cowling.

[Signature]

Sangmyoung Lee AP3883362IA

GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM

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 →							

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

Date: 09/28/2023

Reg: N149DA

Tach: 926.0

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

LEFT Engine:

- Drained all fluids from engine, sample obtained from gearbox oil and engine oil.
- Inspected gearbox magnetic drain plug per chapter 85-10-00, no metal observed on plug.
- Replaced flywheel assembly with new kit p/n E4PB-73-000-000-KIT s/n 07294, Screw E4A-73-000-801 (qty 8)
- Replaced boost pressure actuator, Electric Change-over valve E4A-41-300-801, associated hoses, clamps and restrictor fitting AEP-00361.
- All work performed IAW Austro MM E4 Series Doc E4.08.04, Rev 31. Post mx engine runs and test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534

A&P3164534

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Brett Zefting
A&P3164534

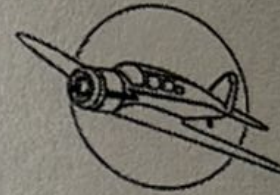


Date: 11/14/2023

Reg: N149DA

Tach: 969.0 SNEW 969.0

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092



ZEFTING
AVIATION

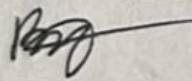
LEFT Engine:

- Performed a 100hr/Annual inspection per Austro Chapter 05 checklist.
- ECU Data downloaded and sent to Austro.
- Complied with MANDATORY SERVICE BULLETIN NO. MSB 62-002 REV. 7 by installing Austro ECU Software Version VC33_2P_07_26.
- Drained all fluids from engine, sample obtained from engine oil.
- Serviced engine with 7 liters of Aeroshell diesel ultra.
- Replaced oil filter and o-rings with new E4A-52-300-KIT
- Inspected gearbox magnetic drain plug per chapter 85-10-00, no metal observed on plug.
- Serviced gearbox with 1.5l of Spirax S6 GXME 75W-80.
- Replaced V-Ribbed belt with P/N E4A-74-100-801.
- All work performed IAW Austro MM E4 Series Doc E4.08.04, Rev 31. Post mx engine runs and test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

*I certify that this **ENGINE** has been inspected in accordance with an **annual** inspection and was determined to be in an airworthy condition.*

Brett Zefting
A&P3164534IA



Date: 04/22/2024

Reg: N149DA

Tach: 1067.8 AFTT: 1067.8

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

LEFT Engine: Austro E4P-C E4P-C-00185

- Performed a 100hr/Annual inspection per Austro Chapter 05 checklist.
- ECU Data downloaded and sent to Austro.
- Drained all fluids from engine, sample obtained from engine oil.
- Serviced engine with 7 liters of Aeroshell diesel ultra.
- Replaced oil filter and o-rings with new E4A-52-300-KIT
- Inspected gearbox magnetic drain plug per chapter 85-10-00, no metal observed on plug.
- Serviced gearbox with 1.5l of Spirax S6 GXME 75W-80.
- AD 24-05-01 N/A by engine S/N.
- AD 23-20-03 N/A by engine S/N.
- All work performed IAW Austro MM E4 Series Doc E4.08.04, Rev 31. Post mx engine runs and test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

I certify that this **ENGINE** has been inspected in accordance with an **annual** inspection and was determined to be in an airworthy condition.

Brett Zefting

A&P3164534



ZEFTING
AVIATION

Reg: N149DA

Reg: N149DA
Tach: 1067.8 AFTT: 1067.8
DIAMOND AIRCRAFT

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092
Austro E4P-C E4P-C-00185

LEFT Engine: Austro E4P-C E4P-C-00185

- Performed a 100hr Annual Inspection per Austro Chapter 05 checklist.
- ECU Data downloaded and sent to Austro.
- Drained all fluids from engine, sample obtained from engine oil.
- Serviced engine with 7 liters of Aeroshell diesel ultra.
- Replaced oil filter and o-rings with new E4A-52-300-KIT
- Inspected gearbox magnetic drain plug per chapter 85-10-00, no metal observed on plug.
- Serviced gearbox with 1.5l of Spirax S6 GXME 75W-80.
- **AD 24-05-01** N/A by engine S/N.
- **AD 23-20-03** N/A by engine S/N.
- All work performed IAW Austro MM E4 Series Doc E4.08.04, Rev 31. Post mx engine run operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.
I certify that this **ENGINE** has been inspected in accordance with an **annual** inspection and was determined to be in an airworthy condition.
Brett Zefling
A&P31645344 

Brett Zefling

A&P3164534

Reg: N149DA

Airframe: DIA

LEFT Engine: Austro E4P-C E4P-C-00185

- Replaced exhaust gasket with new

- Replaced exhaust gasket with new E4A-04-000-002.
- All associated hardware replaced: E4A-04-000-806 screw (4), E4A-04-000-804 conical washer (4), E4A-04-000-805 spherical washer (4), ISO744M8-8Cu Locking nut.
- All work performed IAW Austro MM E4 Series Doc E4.08.04, Rev 31. Post mx engine runs and test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

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