

ENGINELog Book No. 1Type E4P-C Constructor AUSTRO ENGINEConstructor's No. E4P-C-00092 Date of construction 23-02-2017**NATIONALITY & REGISTRATION MARKS OF AIRCRAFT**

1. <u>A7-DIA</u>	5. _____	9. _____
2. _____	6. _____	10. _____
3. _____	7. _____	11. _____
4. _____	8. _____	12. _____

OPERATOR

Name & Address SHK. KHALID BIN ABDULLA MOHD A. RAHMAN AL-THANI
P.O. BOX 82973, DOHA, QATAR

Name & Address _____

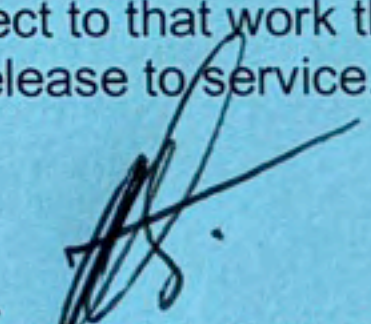
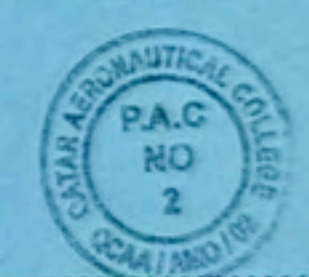
Name & Address _____

Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		Particulars of Maintenance and Other Work carried out on the Engine.
	Hrs.	Mins.	Hrs.	Mins.	
1 2017					
Total bf.	18	6			
07 MAR	19	2			
09 MAR	21	4			
12 MAR	23	4			REF. QAC J/N: 015398/PR
15 MAR	24	8			
21 MAR	25	8			
31 MAR	27	2			
01 APR	28	6			
13 APR	29	4			
15 APR	30	2			
21 APR	31	2			
22 APR	31	9			
26 APR	32	4			
11 MAY	39	0			
12 MAY	46	6			
Total cf.	46	6			

The work recorded below has been carried out in accordance with the applicable

Particulars of Maintenance and Other Work carried out on the Engine.

requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

 RH Engine Log Book Certificate		
Qatar Aeronautical College		
A/C Type: DA62	A/C Reg: A7-DIA	Ref: 015398/PR
Eng Type: E4P-C	Eng S/N: E4P-C-00092	Eng Hours: 23.4
Work Carried Out		
1. MSB 62-002/2 (Engine software version update) complied with. Software version VC33_2P_06_21		
Certifies that the work specified, except otherwise specified was carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.		
Sign: 		Date 15 Mar 2017 Stamp: 
Issue Date: July 2009, Rev.0		Form 107

Signature
Authority
Date

5

Applicable
Requirement
for Release
to Service

6

1 2 3 4

15-03-17

Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.	
	2	3	4	5	6	7
1	Hrs.	Mins.	Hrs.	Mins.		
2017						
Total bt.	46	6				
14 MAY	50	4				
15 MAY	52	4				
18 MAY	54	1				
20 MAY	57	1				
21 MAY	60	7				
22 MAY	64	6				
23 MAY	70	3				
02 JUN	71	7				
28 JUL	72	2				
04 AUG	73	0				
06 OCT	73	7				
26 OCT	75	5				
28 OCT	77	3				
13 DEC	77	6				
Total ct.	77	6				

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Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		4	
	2	3	3	4		
Hrs.	Mins.	Hrs.	Mins.			
1 2017						
Total bit	77	6				
15 DEC	77	7				
18 DEC	77	9				
05 JAN	78	5				
12 JAN	79	3				
13 JAN	80	2				
17 JAN	82	3				
20 JAN	84	3				
03 FEB	85	9				
07 FEB	87	4				
09 FEB	88	5				
10 FEB	88	7				
22 FEB	91	0				
24 FEB	93	3				
22 MAR	95	5				
Total ct.	95	5				

The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.

REF QAC JN: 015687/PR.

requi



RH Engine Log Book Certificate

Qatar Aeronautical College

A/C Type: DA62

A/C Reg: A7-DIA

Ref: 015687/PR

Eng Type: E4P-C

Eng S/N: E4-C-00092

Eng Hours: 93.3

Work Carried Out

1. Annual/200 hour inspection carried out IAW QAC/AMP/DIAMOND/DA62 issue 1 rev. 01 dated 28 February 2018.
2. 200 hour inspection carried out IAW QAC/AMP/DIAMOND/DA62 issue 1 rev. 01 dated 28 February 2017.
3. Engine breather line inspection carried out IAW Austro Engine MM and found to be satisfactory.
4. Engine cooling system carried out IAW Austro Engine MM and found to be satisfactory.
5. Engine cylinder head drain inspection carried out IAW Austro Engine MM and found to be satisfactory.
6. Engine harness and sensors inspection carried out IAW Austro Engine MM and found to be satisfactory.

ANN INSP

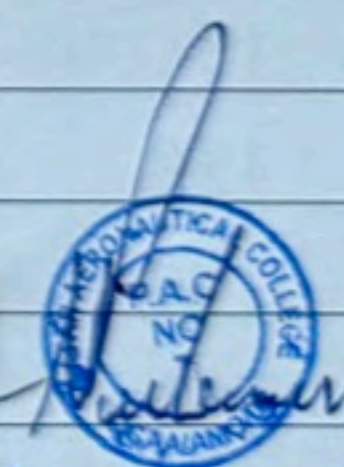
vice.

Signature
Authority
Date
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Applicable
Requirement
for Release
to Service

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1 2 3 4



14 MAR 2018

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requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

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1	Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		4	Particulars of Maintenance and Other Work carried out on the Engine.
		Hrs.	Mins.	Hrs.	Mins.		
	2019						
Total bf.		146	7				
01 FEB		147	2				
02 FEB		147	8				
08 FEB		149	9				
09 FEB		152	0				
17 FEB		153	3				
21 FEB		155	6				
23 FEB		157	4				
23 MAR		158	8				REF. QAC J/N: 016100/PR
20 APR		159	7				
Total cf.							

The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.



RH Engine Log Book Certificate

Qatar Aeronautical College

A/C Type: DA62

A/C Reg: A7-DIA

Ref: 016100/PR

Eng Type: E4P-C

Eng S/N: E4-C-00092

Eng Hours: 158.8

Work Carried Out

1. Annual/200 hour inspection carried out IAW QAC/AMP/DIAMOND/DA62 issue 1 rev. 01 dated 28 February 2018.
2. 200 hour inspection carried out in conjunction with the Annual inspection.
3. 100 hour inspection carried out in conjunction with the Annual inspection.
4. Air filter replaced IAW AMM 71-60-00.2A and Austro MM 71-00-00.
5. Breather line inspection carried out IAW AE MM.
6. Cylinder head drain inspection carried out IAW AE MM.
7. EECU inspection carried out. Fault code memory checked. "Real time clock failure" not found.
8. Engine harness and sensor inspection carried out IAW AE MM 05-20-03.
9. Engine oil and filter inspection carried out. Filter replaced and engine filled with Shell Helix. Oil type 5W40 filter P/N: E4A-52-100-802.
10. Exhaust system inspection carried out IAW AE MM.
11. Fuel system inspection carried out IAW AE MM.
12. Gearbox inspection carried out IAW AE MM 85-10-10 and 05-30-01.

Signature

Authority

Date

5

Applicable Requirement for Release to Service

6

1 2 3 4



11 APR 2019

1	Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		4	Particulars of Maintenance and Other Work carried out on the Engine.
		Hrs.	Mins.	Hrs.	Mins.		
1	2019						
Total of.		146	7				
01 FEB		147	2				
02 FEB		147	8				
08 FEB		149	9				
09 FEB		152	0				
17 FEB		153	3				
21 FEB		155	6				
23 FEB		157	4				
23 MAR		158	8				REF. QAC J/N: 016100/PR
20 APR		159	7				
Total of.							

The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.



RH Engine Log Book Certificate

Qatar Aeronautical College

A/C Type: DA62

A/C Reg: A7-DIA

Ref: 016100/PR

Eng Type: E4P-C

Eng S/N: E4-C-00092

Eng Hours: 158.8

Work Carried Out

1. Annual/200 hour inspection carried out IAW QAC/AMP/DIAMOND/DA62 issue 1 rev. 01 dated 28 February 2018.
2. 200 hour inspection carried out in conjunction with the Annual inspection.
3. 100 hour inspection carried out in conjunction with the Annual inspection.
4. Air filter replaced IAW AMM 71-60-00.2A and Austro MM 71-00-00.
5. Breather line inspection carried out IAW AE MM.
6. Cylinder head drain inspection carried out IAW AE MM.
7. EECU inspection carried out. Fault code memory checked. "Real time clock failure" not found.
8. Engine harness and sensor inspection carried out IAW AE MM 05-20-03.
9. Engine oil and filter inspection carried out. Filter replaced and engine filled with Shell Helix. Oil type 5W40 filter P/N: E4A-52-100-802.
10. Exhaust system inspection carried out IAW AE MM.
11. Fuel system inspection carried out IAW AE MM.
12. Gearbox inspection carried out IAW AE MM 85-10-10 and 05-30-01.

Signature

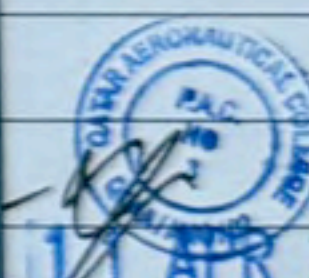
Authority
Date

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Applicable
Requirement
for Release
to Service

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1 2 3 4



11 APR 2019

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requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.



Urbeaero
MAINTENANCE ORGANIZATION

Reg:	N62KZ	WR No.:	Swiss Aviation support 117/2019SAs	Date:	12.Sep.2019
Make:	Diamond Aircraft	Model:	DA62	S/N:	62.051
Tach:	179.2	Flight time:	179:16		
LH Engine:	E4P-C Iss:004	S/N:	E4P-C-00083	TSN:	179.2
RH Engine:	E4P-C Iss:004	S/N:	E4P-C-00092	TSN:	179.2
LH Prop:	MTV-6-R-C-F/CF	S/N:	161282	TSN:	179.2
RH Prop:	MTV-6-R-C-F/CF	S/N:	161285	TSN:	179.2

Complied with:

Next Annual inspection: Sep.2020

- Compiled with:**
- Annual inspection performed. i.a.w. FAR 43 appx D and AMM 05-28-00 Maintenance Checklist DA62 100h items including items marked with "" on Airframe, Engines and Propellers.
 - 04-00 Airworthiness Limitations:
All 4 ECU Backup Batterys replaced.
 - 05-00 Airplane life-Limited Components:
LH & RH Fuel filter element replaced.
LH & RH Engine Air Filter Elements replaced.
 - Part 91:
 - Additional:
On LH & RH Engine DAI MSB 62-002 rev.2 "Software for E4P-C Engine" checked. Satis.
DAI MSB 62-003 "Software for G1000" checked. Satis.
On LH & RH Engine front shock mounts replaced due of leak.
 - AD's conformity checked with FAA Current AD List and Log books AD Status List for Airframe,Engine and Propeller.
 - Additional work into see WR 117/2019SAs and as a part of this Urbeaero WP: N62KZ-260819

I CERTIFY THAT THIS **AIRFRAME/ENGINE/PROPELLER** HAS BEEN INSPECTED IN ACCORDANCE WITH SCOPE AND DETAIL OF FAR PART 43D FOR A **ANNUAL** INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ALL THE WORK SPECIFIED EXCEPT AS OTHERWISE SPECIFIED WAS CARRIED OUT IN ACCORDANCE WITH **PART 43 OF THE U.S. FEDERAL REGULATIONS**, AND IN RESPECT TO THAT WORK THE AIRCRAFT/ AIRCRAFT COMPONENTS IS CONSIDERED READY FOR RELEASE TO SERVICE

Swiss Aviationssupport, Seilerbahnweg 15, CH-7000 Chur

Place:
Airport Wiener-Neustadt (LOAN)

Martin A. Barth
A&P2801493 I.A.

Signature _____
 Authority _____
 Date _____
 E _____

Applicable Requirement for Release to Service	
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1	2	3	4
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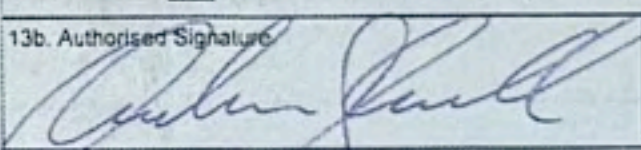
requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

Urbeaero [®] MAINTENANCE ORGANIZATION		Signature Authority Date	for Release to Service					
Reg:	N62KZ	Date: 14 Nov.2019	5	6	1	2	3	4
Make:	Diamond Aircraft	Model: DA62	S/N: 62.051					
Tach:	179.2	Flight time: 179:16						
LH Engine:	E4P-C Iss:004	S/N: E4P-C-00083	TSN: 179.2					
RH Engine:	E4P-C Iss:004	S/N: E4P-C-00092	TSN: 179.2					
LH Prop:	MTV-6-R-C-F/CF	S/N: 161282	TSN: 179.2					
RH Prop:	MTV-6-R-C-F/CF	S/N: 161285	TSN: 179.2					
Complied with:								
- Annual inspection i.a.w. FAR 43 appx D check list performed. - 04-00 Airworthiness Limitations items checked, all item in limit. - AD's conformity checked with FAA Current AD List and Log books AD Status List for Airframe,Engine and Propeller. AD's considered till Biweekly 2019-23.								
I CERTIFY THAT THIS AIRFRAME/ENGINE/PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH SCOPE AND DETAIL OF FAR PART 43D FOR A ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION. ALL THE WORK SPECIFIED EXCEPT AS OTHERWISE SPECIFIED WAS CARRIED OUT IN ACCORDANCE WITH PART 43 OF THE U.S.FEDERAL REGULATIONS , AND IN RESPECT TO THAT WORK THE AIRCRAFT/ AIRCRAFT COMPONENTS IS CONSIDERED READY FOR RELEASE TO SERVICE								
Swiss Aviationsupport, Seilerbahnweg 15, CH-7000 Chur Place: Martin A. Barth Airport Wiener-Neustadt (LOAN) A&P2801493 I.A.								

24 Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		4	Particulars of Maintenance and Other Work carried out on the Engine.
	2 Hrs.	Mins.	3 Hrs.	Mins.		
17 2020						
Total bf.						
16 MAR	246.3					ESCU SOFTWARE VC33_2P_06.23 (INSTALLED)
Total cf.						

requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

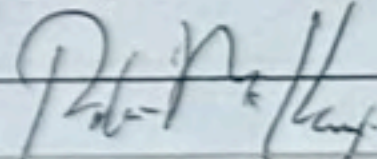
Applicable
Requirement

1. Approving Competent Authority / Country Austro Control GmbH Austria		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number AE030580	
4. Organisation Name and Address Austro Engine GmbH Rudolf Diesel StraÙe 11 2700 Wm. Neustadt, AUSTRIA		5. Work Order / Contract / Invoice EUGWS1901728				
6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / Work	
1	EECU Software	54PC-92-200-000 Ics: AC1	1	N/A	New	
12. Remarks Item 1 Batch No.: VC33_2P_06_23						
13a. Certifies that the items identified above were manufactured in conformity to: ☒ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12			14a. ☐ Part-145 A.50 Release to Service: ☐ Other regulation specified in block 12 Certifies that unless otherwise specified in block 12 the work identified in block 11 and described in block 12 was accomplished in accordance with Part-145 and in respect to that work, the items are considered ready for release to service:			
13b. Authorised Signature 		13c. Approval / Authorisation Number AT.21G.0010		14b. Authorised Signature		
13d. Name 		13e. Date (dd mm yy) 26 NOV 2019		14c. Certificate / Approval Reference Number		
				14d. Name		
				14e. Date (dd mm yy)		
USER / INSTALLER RESPONSIBILITIES This certificate does not automatically constitute authority to install the item(s). Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1. Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						

EASA Form 1 - 21 Issue 2

Freigabe: 01. Sept. 2019 / C. Prinsinger

FOQ08_Form1_rev1

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requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

Requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.		Signature Authority Date		5	6	1	2	3	4

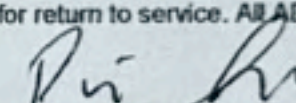
N62KZ	AIRCRAFT TOTAL TIME:	TACH TIME:	
AIRCRAFT S/N: 62.051	LH ENGINE TT: 300.2	RH ENGINE TT: 300.2	
ENGINE MODEL: Austro E4P-C	LH ENGINE TSMOH: 300.2	RH ENGINE TSM: 300.2	
RH ENGINE S/N: E4P-C-00092	LH PROP TT: 300.2	RH PROP TT: 300.2	
	LH PROP TSMOH: 300.2	RH PROP TSMOH: 300.2	

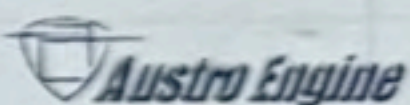
Annual/200 Hour Inspection - RH Engine

Performed the following maintenance on RH ENGINE. Removed and replaced:

- Serviced Engine with Austro 100hr kit P/N: E4A-52-000-KIT and 8 Quarts Shell Ultra Diesel oil
- Replaced fuel filter. P/N: WK724/3
- Drained and serviced gearbox oil with Shell Spirax 75W-80, as required and replaced gearbox oil filter P/N E4A-70-000-806
- Performed timing chain inspection with satisfactory results. Replaced intake gasket P/N E4A-04-000-005 and timing chain tensioner gasket P/N E4A-75-605-401
- Performed Dual Mass Flywheel inspection with satisfactory results. Replaced the following to facilitate inspection:
 - Flywheel Screws P/N E4A-73-000-801 (X8)
 - Prop o-ring C048-A
 - Prop nuts C-067 (X6)
- Updated RH engine ECU software to current version E4FCT_00_VC33_2P_06_24

All work done IRT Diamond DA-62 AMM and Austro E4P-C MM. I certify that this ENGINE has been inspected IAW an Annual Inspection and has been determined to be in an airworthy condition at this time.
This engine is approved for return to service. All AD's have been checked through Biweekly 2020-22


 Pierce W. Smith



A&P/A 3873447 11/7/2020

Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.
1	2	3	4	5	
Hrs.	Mins.	Hrs.	Mins.		
Total bf.					

Diamond AIRCRAFT

DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE ORGANIZATION161-93

Registration: N62KZ
Airframe Total Time: 393.3
Engine LH SN: E4P-C-00083
Engine LH TT: 393.3

AC Serial Number: 62.051
Work Order: SO073199
Engine RH SN: E4P-C-00092
Engine RH TT: 393.3

The Following Scheduled Maintenance Was Performed:

- 100 hour inspection carried out on RH engine IAW Austro MM E4.08.04 Rev. 30 Ch. 5 and DA62 AMM 7.02.25 Rev.1 Ch.5
- Engine oil and filter replaced. Engine serviced with 7 L. aeroshell diesel ultra.
- Engine fuel filter replaced.
- Engine V-Ribbed belts replaced with new. Next Due November 2026.
- Induction air filter replaced with new. Next Due 593.3 hrs AFTT.
- Engine injector cover PN: E4A-53-000-101 replaced.
- Replaced turbo charger intake hose PN: DS-HA2-75-0380-30-45 IAW Diamond SI62-010/3.
- Gearbox filter housing o-ring replaced with new.

SB's and AD's:

- Austro MSB-E4-026 Rev.1 complied with on RH engine. Bonding strap installed at this time.
- Austro MSB-E4-029 Rev.1 complied with on RH engine. Restrictor installed at this time.
- Austro MSB-E4-028 Rev. 3 found N/A by engine SN
- Austro MSB-E4-035 Rev. 2 found N/A by engine SN
- Diamond MSB62-026 complied with at this time. Bonding strap installed on RH engine mount.

Continued...

Diamond AIRCRAFT

DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE ORGANIZATION161-93

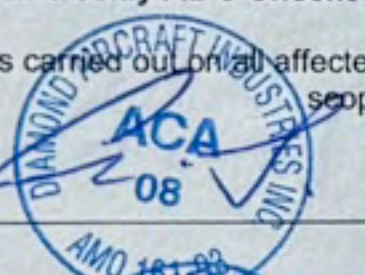
Registration: N62KZ
Airframe Total Time: 393.3
Engine LH SN: E4P-C-00083
Engine LH TT: 393.3

AC Serial Number: 62.051
Work Order: SO073199
Engine RH SN: E4P-C-00092
Engine RH TT: 393.3

The Following Maintenance Was Performed:

- Diamond MSB62-035 found N/A by aircraft SN.
- Diamond RSB62-019 complied with at this time. RH TKS nozzle replaced. RH TKS nozzle secured IAW WI-RSB-62-019.
- FAA AD 2020-14-07 found N/A by engine time and no windmilling restarts.
- FAA AD 2020-15-05 found N/A, AFM Temp Rev. previously incorporated into AFM.
- FAA AD 2020-22-14 (EASA AD 2018-0125, Austro MSB-E4-022 Rev.5) Found PCW.
- FAA AD 2021-24-10 (Austro MSB-E4-030 Rev. 4) found N/A by engine SN.
- FAA AD 2021-09-04 Superseded by AD 2021-24-10.
- FAA AD 2021-22-20 (EASA AD 2021-0203 R1, Austro MSB-E4-034 Rev.4) found N/A by engine SN
- FAA AD 2021-17-01 (Austro MSB-E4-031 Rev. 2) found N/A by engine SN
- FAA BI-weekly AD's Checked thru 2021-23.

Dual Inspections carried out on all affected flight and engine controls as applicable to the scope of work.

ACA  Date: NOV 23 2021

The Maintenance Described has been performed IAW the Applicable Standards of Airworthiness.

ACA  Date: NOV 23 2021

END.

Total cf.

requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE ORGANIZATION161-93

Registration: N62KZ
Airframe Total Time: 396.5
Engine LH SN: E4P-C-00083
Engine LH TT: 396.3
Prop LH SN: 161282
Prop LH TT: 396.3

AC Serial Number: 62.051
Work Order: SO073199
Engine RH SN: E4P-C-00092
Engine RH TT: 396.3
Prop RH SN: 161285
Prop RH TT: 396.3

The Following Maintenance Was Performed:

- MSB-E4-034 and MSB-E4-035 superseded by MSB-E4-036. MSB-E4-036 not applicable by engine cylinder head part number and high pressure pump serial number
- FAA AD 2021-22-20 not applicable by engine cylinder head part number and high pressure pump serial number
- FAA AD 2021-24-10 not applicable by engine serial number
- RH engine rubber exhaust isolation mount replaced with new P/N: 597205

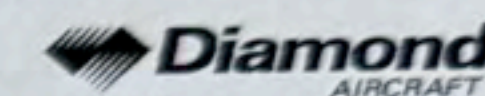
The Maintenance Described has been performed IAW the Applicable Standards of Airworthiness.



Date: DEC 08 2021

Signature
Authority
Date
5

Applicable
Requirement
for Release
to Service
6



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE ORGANIZATION161-93

Registration: N62KZ
Airframe Total Time: 398.1
Engine LH SN: E4P-C-00083
Engine LH TT: 398.1
Prop LH SN: 161282
Prop LH TT: 398.1

AC Serial Number: 62.051
Work Order: SO073199
Engine RH SN: E4P-C-00092
Engine RH TT: 398.1
Prop RH SN: 161285
Prop RH TT: 398.1

The Following Maintenance Was Performed:

- RH main landing gear tire replaced with new P/N: 606C86-6
S/N ON: 13080153
S/N OFF: 60752413
- LH and RH oil quick drain plugs replaced with new
- Hydraulic power pack accumulator pressure adjusted to within limits IAW AMM chapter 29-10-00
- Databases updated to North America

The Maintenance Described has been performed IAW the Applicable Standards of Airworthiness.



Date: DEC 09 2021

requirement annotated in Column 6 and in that respect the engine/equipment is considered fit for release to service.

Signature _____
Authority _____

Applicable Requirement for Release to Service	
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DATE: JUNE 19, 2023 RIGHT ENGINE AUSTRO E4P-C SN E4P-C-00092 REG N62KZ
TACH: 576.7 HRS TTE: 576.7 HRS

ENGINE SERVICE CONDUCTED IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES
GMBH DA62 AIRPLANE MAINTENANCE MANUAL AUSTRO ENGINE REPAIR MANUAL

DRAINED OIL AND FILLED WITH 7 LITERS AEROSHELL DIESEL ULTRA SW-30
CUT OIL FILTER AND INSPECTED FOR METAL, NONE NOTED
REPLACED OIL FILTER, PIN (E4A-52-300-KIT)
COLLECTED OIL SAMPLE FOR ANALYSIS TO BE COMPLETED BY BLACKSTON
LABORATORIES.

DRAINED AND STRAINED GEARBOX OIL. INSPECTED MAGNETIC PLUG. NO FAULTS NOTED.
REPLACED GEARBOX OIL FILTER O-RING AND SEALING RING REFILLED GEARBOX.
INSPECTED AND REINSTALLED GEARBOX FILTER. NO FAULTS NOTED.
REPLACED FUEL FILTER. P/N:(WK724_3)
GROUND RAN ENGINE, NO FAULTS NOTED.

I CERTIFY THAT THIS ENGINE IS IN AN AIRWORTHY CONDITION.

ROBERT KASPER

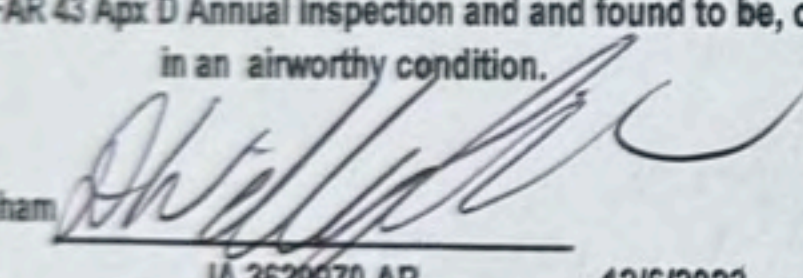
OWNER, FAA PILOT CERTIFICATE NUMBER 3244300

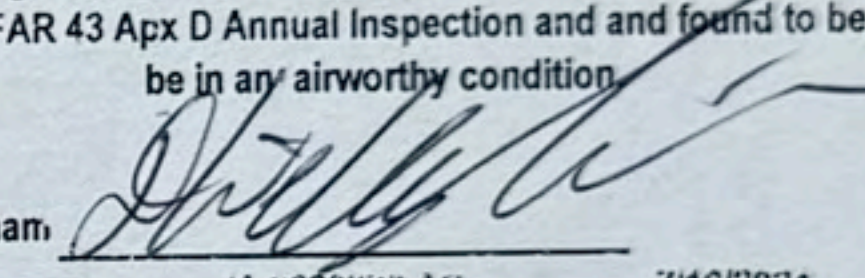
Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		Particulars of Maintenance and Other Work carried out on the Engine.
	2		3		
1	Hrs.	Mins.	Hrs.	Mins.	4
Total of.					

12/6/2023	DA-62	N62KZ	X	RH Engine: Austro E4P-C	S/N:E4P-C-00092
Tach Time	623.6	A/C TSN	623.6	RH Engine TSO:	623.6

Drained and filled oil w/ 7Liters Aeroshell diesel ultra SW-30. Cut and inspected filter for metal, none noted. Replaced oil filter P/N:E4A-50-300-KIT. Replaced fuel filter P/N:WK724-3. Removed HPP fuel pump S/N:12-01-06-03-00530 and replaced with P/N:E4A-30-000-BHY; S/N:22-10-07-02-00345. Ran, leak check satisfactory. All AD's have been checked through Biweekly 2023-25.

I certify the Airframe, Engine, Propeller or appliance indicated above (X) has been inspected in accordance with current FAR 43 Apx D Annual Inspection and and found to be, or was rendered to be in an airworthy condition.

Donald Willingham 
IA 3620970 AP 12/6/2023

7/19/2024	DA-62	N62KZ	X	RH Engine: Austro E4P-C	S/N:E4P-C-00092	Signature Authority Date	Applicable Requirement for Release to Service
Tach Time	723.6	A/C TSN	723.6	RH Engine TSO:	723.6		
Drained and filled oil w/ 7Liters Aeroshell diesel ultra SW-30. Cut and inspected filter for metal, none noted. Replaced oil filter P/N:E4A-50-300-KIT. Drained and filled oil w/ 7Liters Aeroshell diesel ultra SW-30. Cut and inspected filter for metal, none noted. Replaced oil filter P/N:E4A-50-300-KIT. (customer supplied) Drained, filtered, and collected samples of gear box oil. Serviced with same oil.						5	6
I certify the Airframe, Engine, Propeller or appliance indicated above (X) has been inspected in accordance with current FAR 43 Apx D Annual Inspection and and found to be, or was rendered to be in an airworthy condition.							
Donald Willingham  IA 3620970 AP 7/19/2024							
10-2-2024 TT 750.5							
Installed new turbo to manifold gasket, bolts, nuts, and washers. Ground run per PAEZ AFM. See Form 1 # S1230583. All work per Austro maintenance manual chapter 81. Combing Note App 3492510							

