

ENGINELog Book No. 1Type E4P-C Constructor AUSTRO ENGINEConstructor's No. E4P-C-00083 Date of construction 23-02-2017**NATIONALITY & REGISTRATION MARKS OF AIRCRAFT**

1. A7-DIA 5. 9.
2. 6. 10.
3. 7. 11.
4. 8. 12.

OPERATOR

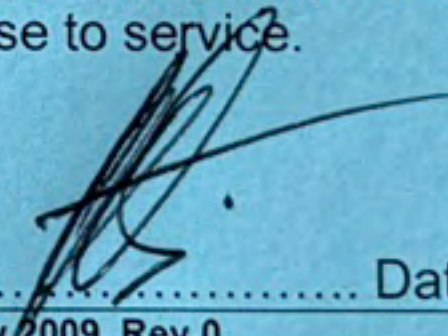
Name & Address SAK. KHALID BIN ABDULLA MOHD A. RAHMAN AL-THANI
P.O. BOX 82973, DOHA, QATAR.

Name & Address

Name & Address

Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.
	Hrs.	Mins.	Hrs.	Mins.	
1 2017					
Total of:	18	6			
07 MAR	19	2			
09 MAR	21	4			
12 MAR	23	4			REF QAL S/N: 015398/PR
18 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 of:	46	6			

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

 LH 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: E4-C-00083	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
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Applicable
Requirement
for Release
to Service
6

1 2 3 4

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		
1	Hrs.	Mins.	Hrs.	Mins.	4	5
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				

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

Signature
Authority
Date
5

Applicable Requirement for Release to Service	
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6

1	2	3
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1	Date	2 Time Run Since New or Complete Overhaul		3 Time Run Since Top Overhaul		4	Particulars of Maintenance and Other Work carried out on the Engine.
		Hrs.	Mins.	Hrs.	Mins.		
	2017						
Total bt.		77	6				
	15 DEC	77	7				
	18 DEC	77	9				
2018-	05 JAN	78	5				
	12 JAN	79	3				
	13 JAN	80	1				
	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				Ref: QAC J/N: 015687 / PR
	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.



Qatar Aeronautical College

LH Engine Log Book Certificate

A/C Type: DA62

A/C Reg: A7-DIA

Ref: 015687/PR

Eng Type: E4P-C

Eng S/N: E4-C-00083

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.
7. Exhaust system inspection carried out IAW Austro Engine MM and found to be satisfactory.
8. Fuel system inspection carried out IAW Austro Engine MM and found to be satisfactory.
9. Gearbox inspection carried out IAW Austro Engine MM. Gearbox magnetic drain plug inspected for debris and found to be satisfactory.
10. Gearbox oil inspection carried out IAW Austro Engine MM. Oil drained and checked for debris, gearbox oil filter removed and inspected for debris and found to be satisfactory. Gearbox filter refitted IAW the MM. Re-filled original gearbox oil.

Signature

Authority

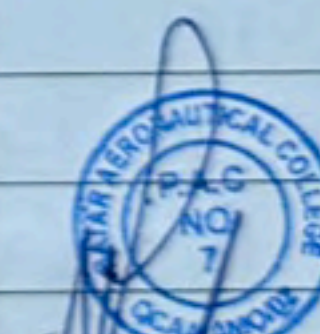
Date

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Applicable Requirement for Release to Service

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1 2 3 4



14 MAR 2018

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		
1 2018	Hrs.	Mins.	Hrs.	Mins.	4	5
Total bl.	95	5				
24 MAR	97	8				
04 MAY	98	7				
17 JUN	110	0				
19 JUN	113	6				
21 JUN	117	1				
24 JUN	118	4				
26 JUN	122	7				
27 JUN	126	6				
29 JUN	128	9				
30 JUN	131	4				
01 JUL	139	0				
30 AUG	140	9				
01 SEP	142	8				
20 DEC	144	9				
Total cl.	144	9				

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

[illegible]

[illegible]

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

[illegible]

1	Date	2 Time Run Since New or Complete Overhaul		3 Time Run Since Top Overhaul		4	The work recorded below has been carried out in accordance with the applicable 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:							



LH 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-00083

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. Engine 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.

Engine oil changed with Shell

Signature

Authority
Date

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Applicable
Requirement
for Release
to Service

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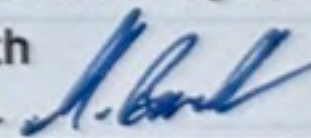
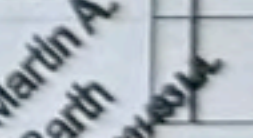
1 2 3 4



11 APR 2019

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 Hrs.	Mins.	3 Hrs.	Mins.	4
Total bf.					
09/12/2013	17.5	2	N/A		
Total cf.					

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		to Service	
Reg:	N62KZ	WR No.:	Swiss Aviationssupport 117/2019SAs	Date:	12.Sep.2019	6	
Make:	Diamond Aircraft	Model:	DA62	S/N:	62.051	1	2
Tach:	179.2	Flight time:	179:16			3	4
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			
- 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 info 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							
Place:		Swiss Aviationssupport, Seilerbahnweg 15, CH-7000 Chur		Signature			
Airport Wiener-Neustadt (LOAN)		A&P2801493 I.A.		Martin A. Barth 		Martin A. Barth 	

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



Reg:	N62KZ		Date:	14 Nov.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:

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

Signature
Authority
Date
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Applicable Requirement for Release to Service	
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1	2	3	4
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N62KZ	AIRCRAFT TOTAL TIME:	300.2	TACH TIME:	300.2
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
LH ENGINE S/N: E4P-C-00083	LH PROP TT:	300.2	RH PROP TT:	300.2
	LH PROP TSMOH:	300.2	RH PROP TSMOH:	300.2

Annual/300 Hour Inspection - LH Engine:

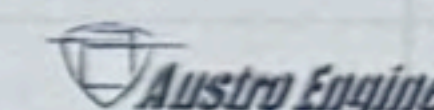
Performed the following maintenance on LH ENGINE. Removed and replaced:

- 1 Serviced Engine with Austro 100hr kit P/N: **E4A-52-000-KIT** and 8 Quarts Shell Ultra Diesel oil.
- 2 Replaced fuel filter. P/N: **WK724/3**
- 3 Drained gearbox oil, serviced with Shell Spirax 75W-80 as required, and replaced gearbox oil filter P/N **E4A-70-000-806**
- 4 Performed timing chain inspection with satisfactory results. Replaced intake gasket P/N **E4A-04-000-005** and timing chain tensioner gasket P/N **E4A-75-600-401**
- 5 Performed Dual Mass Flywheel inspection. Replaced the following to facilitate inspection:
 - Flywheel / TVD Assy. P/N **E4PB-73-000-000-KIT** S/N OFF: **01631** S/N ON: **04044**
 - Flywheel Screws P/N **E4A-73-000-801 (X8)**
 - Prop o-ring **C048-A**
 - Prop nuts **C-067 (X6)**
- 6 Turbo oil return line banjo seals (X2) P/N **DIN7603-14X18X2.0**
- 7 Updated LH engine ECU software to current version **E4FCT 00 VC33 2P 06 24**

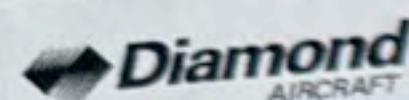
All work done IRT Diamond DA-62 AMM and Austro E4P-C MM. I certify that this ENGINE has been inspected IAW an Annual Inspection and has been determined to be in an airworthy condition at this time. This engine is approved for return to service. All AD's have been checked through **Biweekly 2020-22**

Pierce W. Smith

A&P/1A 3873447 11/7/2020



Date	Time Run Since New or Complete Overhaul	Time Run Since Top Overhaul
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Registration: N62KZ
Airframe Total Time: 393.3
Engine LH SN: E4P-C-00083
Engine LH TT: 393.3

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

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:

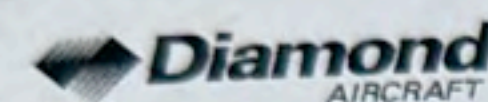
- 100 hour inspection carried out on LH engine IAW Austro MM E4.06.04 Rev. 30 Ch. 5 and DA62 AMM 7.02.25 Rev.1 Ch.5
- Engine oil and filter replaced. Engine serviced with 7 L aeroshell diesel ultra.
- Engine fuel filter replaced.
- Engine V-Ribbed belts replaced with new. Next Due November 2026.
- Induction air filter replaced with new. Next Due 593.3 hrs AFTT.
- LH HPP removed, sealing face cleaned and o-ring replaced. HPP reinstalled.
- Engine injector cover PN: E4A-53-000-101 replaced.
- Replaced turbo charger intake hose PN: DS-HA2-75-0380-30-45 IAW Diamond S162-010/3.
- LH exhaust rubber damper replaced.
- Gearbox filter housing o-ring replaced with new.

SB's and AD's:

- Austro MSB-E4-026 Rev.1 complied with on LH engine. Bonding strap installed at this time.
- Austro MSB-E4-029 Rev.1 complied with on LH 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 LH engine mount.

Continued...

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



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

- Diamond MSB62-035 found N/A by aircraft SN.
- Diamond RSB62-019 complied with at this time. LH 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.

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

Applicable
Requirement



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

Registration: N62KZ
Airframe Total Time: 394.5
Engine LH SN: E4P-C-00083
Engine LH TT: 394.5
Prop LH SN: 161282
Prop LH TT: 394.5

AC Serial Number: 62.051
Work Order: SO073199
Engine RH SN: E4P-C-00092
Engine RH TT: 394.5
Prop RH SN: 161285
Prop RH TT: 394.5

The Following Maintenance Was Performed:

- LH/RH ailerons adjusted up 1 turn at short rod aft rod end.
- Replaced XPDR coupler PN: 70-2040.
- Sealed LH/RH position light lenses.
- LH EECU DTC code 1e13 "fuel pressure operating range" cleared. LH HPP FPS connector removed, cleaned, reinstalled. Engine ground runs carried out. Found serviceable.
- LH coolant level adjusted as required.

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

ACA

Date: NOV 26 2021

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

ACA

Date: NOV 26 2021

END.



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

Registration: N62KZ
Airframe Total Time: 395.5
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.

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

ACA

Date: DEC 08 2021

Date	Time Run Since New or Complete Overhaul		Time Run Since Top Overhaul		4
	Hrs.	Mins.	Hrs.	Mins.	
1					
The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.					
Diamond Aircraft DIAMOND AIRCRAFT IND. D.O.T. APPROVED MAINTENANCE ORGANIZATION 161-93 Registration: N62KZ Airframe Total Time: 398.1 Engine LH SN: E4P-C-00083 Engine LH TT: 398.1 Prop LH SN: 161285 Prop LH TT: 398.1 AC Serial Number: 62 051 Work Order: S0073199 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: LH and RH oil quick drain plugs replaced with new The Maintenance Described has been performed IAW the Applicable Standards of Airworthiness. ACA  Date: DEC 09 2021					
Diamond Aircraft DIAMOND AIRCRAFT IND. D.O.T. APPROVED MAINTENANCE ORGANIZATION 161-93 Registration: N62KZ Airframe Total Time: 402.2 Engine LH SN: E4P-C-00083 Engine LH TT: 402.2 Prop LH SN: 161282 Prop LH TT: 402.2 AC Serial Number: 62 051 Work Order: S0073199 Engine RH SN: E4P-C-00092 Engine RH TT: 402.2 Prop RH SN: 161285 Prop RH TT: 402.2 The Following Maintenance Was Performed: LH and RH injector cover air-oil separator drain pipe o-ring replaced with new P/N: OR_7.8x3.2-ACM70 The Maintenance Described has been performed IAW the Applicable Standards of Airworthiness. ACA  Date: DEC 13 2021					
Total of:					

requ



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

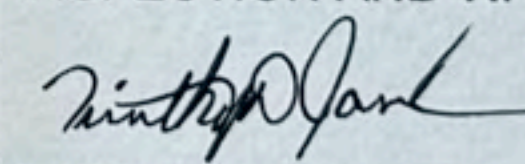
DATE: DECEMBER 5, 2022 | LEFT ENGINE | AUSTRO E4P-C | S/N: E4P-C-00083 REG: N62KZ
TACH: 481.2 HRS. TTE: 481.2 HRS.

ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES GMBH DA62 AIRPLANE MAINTENANCE MANNUAL AUSTRO ENGINE REPAIR MANUAL.
CHECKED AD'S THROUGH 2022-25.

AD 22-03-03 HPP DRIVE GEAR, COMPLIED WITH IAW MSB-E4-036. E4A-30-000-201 rev. AB.1 S/N 4830 INSTALLED. NO ACTION DUE AT THIS TIME.

DRAINED OIL AND FILLED WITH 7 LITERS AEROSHELL DIESEL ULTRA 5W-30.
CUT OIL FILT COMPLIED WITH 600 HOUR HPP REPLACEMENT 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.
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).
PRESSURE TESTED COOLANT SYSTEM.
SERVICED PROPELLER ACCUMULATOR.
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 D JORDAN

A&P/IA 3264477

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 Hrs.	Mins.	3 Hrs.	Mins.	4	
1						
Total bf.						
Total cf.						

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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35

DATE: JUNE 19, 2023 LEFT ENGINE AUSTRO E4P-C SN E4P-C-00083 REG N62KZ
TACH: 576.7 HRS TTE: 576.7 HRS

ENGINE SERVICE CONDUCTED IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES
GMBH DA62 AIRPLANE MAINTENANCE MANNUAL 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 BLACKSTONE
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.

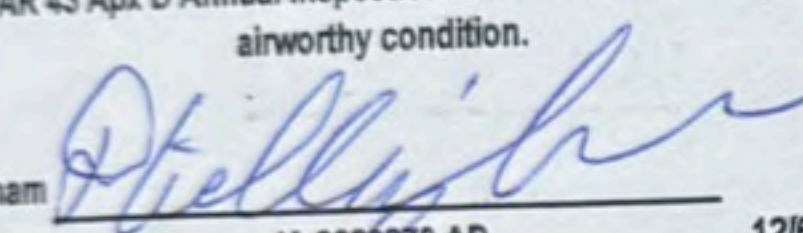
ROBERT KASPER

OWNER, FAA PILOT CERTIFICATE NUMBER 3244300

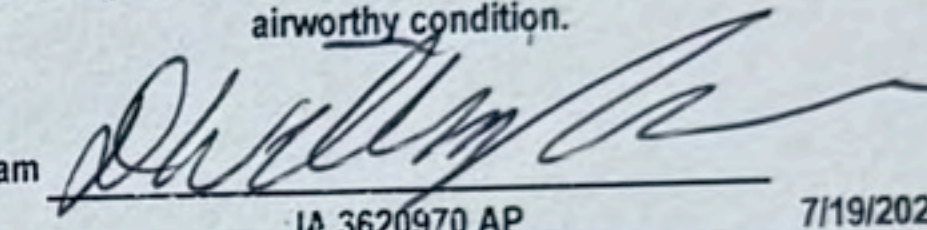
Date	Time Run Since New or Complete Overhaul	Time Run Since Top Overhaul	The work recorded below has been carried out in accordance with the applicable Particulars of Maintenance and Other Work carried out on the Engine.	
12/6/2023	2 Hrs.	3 Hrs.	4 Mins.	
LH Engine: Austro E4P-C S/N: E4P-C-00083 Tach Time 623.6 A/C TSN 623.6 Engine 2 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: 11-12-17-03-01138 and replaced with P/N: E4A-30-000-BHY; S/N: 22-10-07-02-00337. Ran, leak check satisfactory. Removed prop, gear box, and mass flywheel & hub. Inspected mass flywheel I/A/W E4Series M&M pg. 248 RVE.31. All inspections satisfactory. Reinstalled prop, gearbox, and mass flywheel & serviced gear box, oil, and coolant I/A/W E4Series M&M. Engine run, leak check satisfactory. All AD's have been checked through Biweekly 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 <i>[Signature]</i> IA 3620970 AP 12/6/2023				
Total of				

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

7/19/2024	DA-62	N62KZ	X	LH Engine: Austro E4P-C	S/N: E4P-C-00083	Signature Authority Date	Applicable Requirement for Release to Service			
Tach Time	723.6	A/C TSN	723.6	Engine 2 TSO:	723.6	5	6			
Removed and replaced LH fuel pumps IAW SB WI-05B 62-048 Rev 0 (customer supplied parts) Removed (PN 580-051-001 and PN 580-054-001) Replaced with (PN D64-9028-11-01 Mod A and PN D64-9028-11-01 Mod A) . MSB 62-049 Rev 2 fuel vent covers. Complied with LH & RH vent cover, Diamond DA-62 MSB 62-049 Rev 2 (Customer supplied parts). 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. 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 <i>[Signature]</i> IA 3620970 AP 7/19/2024							1	2	3	4
10-2-2024 TT 750.5										
Installed new turbo to manifold gasket, bolts, nuts, and washers. Cleaned fault codes using Austro Wizard. Ground run & Performance check performed. See Form 1 # 51230583. All work IAW Austro maintenance manual. Donuts D Hudson & P 3492510										

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.	
Hrs.	Mins.	Hrs.	Mins.	
12/6/2023	DA-62	N62KZ	X	LH Engine: Austro E4P-C S/N:E4P-C-00083
Tach Time	623.6	A/C TSN	623.6	Engine 2 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:11-12-17-03-01138 and replaced with P/N:E4A-30-000-BHY; S/N:22-10-07-02-00337. Ran, leak check satisfactory. Removed prop, gear box, and mass flywheel & hub. Inspected mass flywheel I/A/W E4Series M&M pg. 248 RVE.31. All inspections satisfactory. Reinstalled prop, gearbox, and mass flywheel & serviced gear box, oil, and coolant I/A/W E4Series M&M. Engine run, leak check satisfactory. All AD's have been checked through Biweekly 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  12/6/2023 IA 3620970 AP				
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Tach Time	723.6	A/C TSN	723.6	Engine 2 TSO:	723.6	5	6		
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