

AIRCRAFT TECHNICAL RECORD

N/00DA

62.078

REGISTRATION

AD NOTES COMPLIANCE RECORD

Airframe - Diamond - DA 62

62.078

Engine - Austro Engine - E4P

LH: 00167 RH:
00168

Propeller - MT-Propeller Entwicklung GmbH - MTV-6- ()

LH: 180264 RH:
180265

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
2006-05-05	To prevent erosion sheath separation leading to damage of the airplane		SUPERSEDED		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2007-26-13	To prevent erosion sheath separation leading to damage of the airplane		NA BY MFG DATE		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2018-07-16	Turbocharger Waste Gate Control Rods Circlips Integrity		SUPERSEDED		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2018-18-02	AFM, Timing Chain Excessive Wear		SUPERSEDED	X		NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2020-14-07	Timing Chain Excessive Wear and Fuel Injector Failures	9/6/2024 T:891.4	CW REPLACED TIMING CHAIN AND INJECTORS AT 891.4 HOURS TIS DUE WITHIN 100 HOURS OF KNOWN WINDMILL RESTART. (NONE CURRENTLY NOTED)		X	T: 1791.4 (ENGINE REPLACE) OR WINDMILL START	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2020-15-05	AFM, Engine Timing Chain Excessive Wear		PCW VERIFIED AFM UPDATED. NO FURTHER ACTION REQUIRED.	X		NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2020-22-14	Turbocharger Wastegate Control Rod Integrity		PCW		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2021-09-04	Engine Lubrication System Failure		SUPERSEDED		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2021-17-01	Oil Pump Pressure Loss		NA BY ENGINE SERIAL NUMBERS		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2021-22-20	High Pressure Pump Driving Gear Manufacturing Damage		SUPERSEDED		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2021-24-10	Sand Casted Oil Pump Housing Improper Cleaning Process		NA BY ENGINE SERIAL NUMBERS		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2022-03-03	High Pressure Pump Driving Gear Manufacture or Assembly Damage		NA BY PUMP SERIAL NUMBERS		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2023-20-03	Engine Oil Analysis Required Due to Piston Dimensional Deviation		NA BY ENGINE SERIAL NUMBERS		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2023-22-18	Baggage Nets Defective Buckles		NA BY MFG DATE		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2024-05-01	Inner Main Bearing Cap Screws Strength Tolerance		NA BY ENGINE SERIAL NUMBERS		X	NA	AEROCITY MAINTENANCE AP 3823821 IA JONATHAN SHEA
2024-07-03	Horizontal Stabilizer Attachment Bolts Torque Values	PCW 12/23 T: 813.4	PCW MSB62-052		X	NA	SEE LOGBOOK ENTRY

[Signature] 9/6/24

2022-08

N100DA

04/29/2022

AD NOTES COMPLIANCE RECORD

Airframe - Diamond - DA 62
Engine - Austro Engine - E4P

Propeller - MT-Propeller Entwicklung GmbH - MTV-6-()

62.078

LH: 00167 RH:
00168

LH: 180264 RH:
180265

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
			SUPERSEDED		X		Richard Formica AP 3702089 IA
2006-05-05	To prevent erosion sheath separation leading to damage of the airplane		NA BY MFG DATE		X		Richard Formica AP 3702089 IA
2007-26-13	To prevent erosion sheath separation leading to damage of the airplane		SUPERSEDED		X		Richard Formica AP 3702089 IA
2018-07-16	Turbocharger Waste Gate Control Rods Circlips Integrity		SUPERSEDED		X		Richard Formica AP 3702089 IA
2018-18-02	AFM, Timing Chain Excessive Wear		PCW VERIFIED AFM UPDATED NO FURTHER ACTION REQUIRED PCW		X		Richard Formica AP 3702089 IA
2020-14-07	Timing Chain Excessive Wear and Fuel Injector Failures		PCW VERIFIED AFM UPDATED NO FURTHER ACTION REQUIRED PCW		X		Richard Formica AP 3702089 IA
2020-15-05	AFM, Engine Timing Chain Excessive Wear		PCW VERIFIED AFM UPDATED NO FURTHER ACTION REQUIRED PCW		X		Richard Formica AP 3702089 IA
2020-22-14	Turbocharger Wastegate Control Rod Integrity		SUPERSEDED		X		Richard Formica AP 3702089 IA
2021-09-04	Engine Lubrication System Failure		NA BY ENGINE SERIAL NUMBERS		X		Richard Formica AP 3702089 IA
2021-17-01	Oil Pump Pressure Loss		SUPERSEDED		X		Richard Formica AP 3702089 IA
2021-22-20	High Pressure Pump Driving Gear Manufacturing Damage		NA BY ENGINE SERIAL NUMBERS		X		Richard Formica AP 3702089 IA
2021-24-10	Sand Casted Oil Pump Housing Improper Cleaning Process		NA BY PUMP SERIAL NUMBERS		X		Richard Formica AP 3702089 IA
2022-03-03	High Pressure Pump Driving Gear Manufacture or Assembly Damage				X		Richard Formica AP 3702089 IA

1. Approving Competent Authority / Country Austro Control GmbH Austria		AUTHORISED RELEASE CERTIFICATE EASA FORM 1 Austro Engine GmbH Rudolf Diesel Straße 11 2700 Wr. Neustadt, AUSTRIA				3. Form Tracking Number AE051005	
4. Organisation Name and Address						5. Work Order / Contract / Invoice ES242420	

6. Item	7. Description	8. Part No.	9. Quantity	10. Serial No.	11. Status / Work
1	assy-flywheel	E4PB-73-000-000-KIT Iss. AA1	5	08885,08876,08910,08861,08881	New
	assy-flywheel	E4PB-73-000-000-KIT Iss. AA1	5	08895,08889,08871,08880,08888	New
	assy-flywheel	E4PB-73-000-000-KIT Iss. AA1	2	08856,08888	New



12. Remarks
 Item 1 Parts contained in the KIT, see attached item tracking printout or Scope of Supply

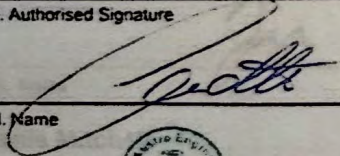
13a. Certifies that the items identified above were manufactured in conformity to:

☒ 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 	14c. Certificate / Approval Reference Number
13d. Name 	13e. Date (dd mmm yyyy) 24 JUL 2024	14d. Name 	14e. Date (dd mmm yyyy)

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.

Component Time Limits N100DA

Date:	April 13, 2021							tach:	267.7
Serial Number:	62 078	CofA: 7/24/18 with 31.6 hour (includes factory flight test and ferry time)							±
Component	Mx Requirement	Completed		Interval		Due			
		hours	Date	Hours	Calendar	Hours	Calendar	Hours	Calendar
LH engine	Replacement	0.0	4/1/2018	1800	12	1800	3/29/2030		
RH engine	Replacement	0.0	4/1/2018	1800	12	1800	3/29/2030		
LH propeller	Overhaul	0.0	4/1/2018	2000	72	months	2000	3/30/2024	
RH propeller	Overhaul	0.0	4/1/2018	2000	72	months	2000	3/30/2024	
Induction filters	Replacement	267.7	4/13/2021	200		hours	467.7		
Fuel filters / Fuel filters	Replacement	267.7	4/13/2021	100	1		367.7	Apr-22	
Fire extinguisher	Inspection	267.7	4/13/2021		1	years		Apr-22	
	Overhaul	0.0	4/1/2018		10	years		Mar-28	
Pilot-static system	Leakage test (Sec. 34-10).		7/22/2020	1000	2	years	1000	Jul-22	
Transponder (on G1000) and blind altitude encoder (altitude digitizer)	System check (Sec. 34-56).		7/22/2020	1000	2	years	1000	Jul-22	
Bonding system and static discharging system.	Resistance measurements (Sec. 51-80).	0.0	4/1/2018	1000	4	years	1000	Mar-22	
EECU back-up batteries	Replacement	267.7	4/13/2021		1			Apr-22	
Flap Bell Crank Bolt	Replacement	0.0	4/1/2018	1000		hours	1000.0		
Oxygen Bottle	Hydrostatic Inspection	0.0	2/1/2018		5	years		Jan-23	
	Replacement	0.0	2/1/2018		15	years		Jan-33	
ELT battery	Replacement			1 hour of cumulative use or date on battery.					Jun-24
Hydraulic fluid landing gear dampers	Replacement	267.7	4/13/2021		2	years		Apr-23	
Hydraulic reservoir air filter	Inspection	0.0	4/1/2018	1000		hours	1000		
landing gear hydraulic fluid	Replacement	267.7	4/13/2021		2	years		Apr-23	
High pressure hydraulic filter	Replacement	0.0	4/1/2018	1000		hours	1000		
Coolant hoses	Replacement	0.0	4/1/2018		8	years		Mar-26	
Fuel tank vent hoses	Replacement	0.0	4/1/2018		8	years		Mar-26	
Fuel tank interconnect hoses	Replacement	0.0	4/1/2018		8	years		Mar-26	
Brake fluid	Replacement	267.7	4/13/2021		3	years		Apr-24	
Austro engine LH	Installed	0.0	4/1/2018	1800	12		1800	Mar-30	
Gearbox oil & filter	Replacement	267.7	4/13/2021	300	1		567.7	Apr-22	
V ribbed belt	Replacement	0.0	4/1/2018		5	years		Mar-23	
Coolant	Replacement	0.0	4/1/2018	600		hours	600.0		
High pressure pump	Replacement	0.0	4/1/2018	600		hours	600.0		
EECU fault code and read out.	Inspect and fault codes	267.7	4/13/2021	100	1	hours	367.7	Apr-22	
Alternator	Inspection	0.0	4/1/2018	300			300.0		
Fuel Injector Cover Zone	Inspection	0.0	4/1/2018	300			300.0		
Timing Chain	Replacement	0.0	4/1/2018	900		hours	900.0		
Cylinder Head	Replacement	0.0	4/1/2018	900		hours	900.0		
Gearbox	Replacement	0.0	4/1/2018	900		hours	900.0		
Dual mass flywheel and hub	Replacement	0.0	4/1/2018	600		hours	600.0		
Fuel Injectors	Replacement	0.0	4/1/2018	900			900.0		
Engine shock mounts	Replacement	0.0	4/1/2018	1800	12		1800.0	Mar-30	
Air intake and turbo hoses	Replacement	0.0	4/1/2018		8	years		Mar-26	
EECU	Replacement	0.0	4/1/2018	1800		hours	1800.0		
Austro engine RH	Installed	0.0	4/1/2018	1800	12		1800	Mar-30	
Gearbox oil & filter	Replacement	267.7	4/13/2021	300	1		567.7	Apr-22	
V ribbed belt	Replacement	0.0	4/1/2018		5	years		Mar-23	
Coolant	Replacement	0.0	4/1/2018	600		hours	600.0		
High pressure pump	Replacement	0.0	4/1/2018	600		hours	600.0		
EECU fault code and read out.	Inspect and fault codes	267.7	4/13/2021	100	1	hours	367.7	Apr-22	
Alternator	Inspection	0.0	4/1/2018	300			300.0		
Fuel Injector Cover Zone	Inspection	0.0	4/1/2018	300			300.0		
Timing Chain	Replacement	0.0	4/1/2018	900		hours	900.0		
Cylinder Head	Replacement	0.0	4/1/2018	900		hours	900.0		
Gearbox	Replacement	0.0	4/1/2018	900		hours	900.0		
Dual mass flywheel and hub	Replacement	0.0	4/1/2018	600		hours	600.0		
Fuel Injectors	Replacement	0.0	4/1/2018	900			900.0		
Engine shock mounts	Replacement	0.0	4/1/2018	1800	12		1800.0	Mar-30	
Air intake and turbo hoses	Replacement	0.0	4/1/2018		8	years		Mar-26	
EECU	Replacement	0.0	4/1/2018	1800		hours	1800.0		
Annual Inspection	Inspection	267.7	4/13/2021		1	years		Apr-22	
100HR Engine Service	Inspection	267.7	4/13/2021	100	1	hours	367.7	Apr-22	

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

AIRCRAFT DATA

1. Nationality & Registration USA N100DA
2. Manufacturer's Designation
(Make & Model) DA 62
3. Manufacturer's Serial
Number 62.078
4. Type Approval or
Specification Number A57CE
5. Date of Manufacture June 2018
6. Aircraft Inspection Cycle





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

Registration: N100DA
Airframe Total Time: 31.6
Engine LH SN: E4P-C-00168
Engine LH TT: 31.6
Prop LH SN: 180264
Prop LH TT: 31.6

AC Serial Number: 62 078
Work Order: SO 071908
Engine RH SN: E4P-C-00168
Engine RH TT: 31.6
Prop RH SN: 180265
Prop RH TT: 31.6

- Aircraft Imported as "N100DA"
- Previous Entries Taken from Factory & Ferry Log
 - Total Production Test Flight Time: 4.03 hrs June 07, 2018 thru July 03, 2018 LOAN
 - Ferry Flight: 27.57 hrs
 - July 7, 2018 thru July 9, 2018 LOAN - CYXU
 - Total Time Brought Forward: 31.6 hrs
- Compass swing performed (information transferred from Original Production Records):
 - Date: June 06, 2018

FOR	N	30	60	E	120	150
STEER	001	030	060	090	120	151
FOR	S	210	240	W	300	330
STEER	181	210	240	271	301	332

- Static Pressure system and Primary Altimeter (G1000) have been inspected and tested in accordance with CAR standard 571, Appendix B and 14 CFR 91.411: Test date below taken from Original Production Records.

Static Pressure System:
Test Date: June 5, 2018
Next Due: June 4, 2020

Stand By Altimeter:
Test Date: June 5, 2018
Next Due: June 4, 2020

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



Continued...



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

Registration: N100DA
Airframe Total Time: 31.6

AC Serial Number: 62 078
Work Order: SO 071908

Certification Maintenance Requirements:

ATA Ch.	Component	Hours	Years	Next Due
51	Bonding System and static discharging system.	1000	4	1000 hrs / June 04, 2022

Replacement Requirements:

ATA Ch.	Component	Hours	Years	Next Due
24	Emergency battery package	-	2	N/A
24	ECU backup batteries L/H / R/H	-	1	June 05, 2019
27	Bolt connecting flap push rods to flap bell crank midsection at rear main bulkhead	1000	-	1000 hrs

- ELT Installation:
 - Programmed: N100DA
 - ELT Battery Due Date: June 1, 2024
 - ELT S/N: LX1100568037

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



Continued...

TOTALS



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

Registration: N100DA
Airframe Total Time: 31.6

AC Serial Number: 62 078
Work Order: SO 071908

- ATC Transponder & Altitude Reporting System(s) have been tested in Accordance with CAR Standard 571, Appendix F and 14CFR 91.217: & 91.413: Test date below taken from Original Production Record.

- Test Date: June 5, 2018
- TXPR re-programmed:
 - USA Registration: N100DA
 - Hex Code: A00500
- IGRF 2015

Garmin G1000 Installation:

Software Version: 1373.02
Obstacle Database Expiry: 2018-09-13
Navigation Database Expiry: 2018-08-16
GTX 33 Software Version: N/A

FileCharts Expiry: 2018-09-13
SafeTaxi Expiry: 2018-09-13
ChartView Expiry: 2018-09-13
Apt Directory Expiry: 2018-09-13

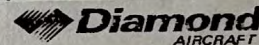
- Following limitations as per DA 62 AMM (Doc# 7.02.25) Rev. 1, Chapter 04 - Subject to change with AMM revision, always refer to latest revision

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



Date: JUL 27 2018

Continued...



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

Registration: N100DA
Airframe Total Time: 31.6

AC Serial Number: 62 078
Work Order: SO 071908

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No. 2868/18, dated July 12, 2018
- USA Registration Letters "N100DA" installed on fuselage side surface I.A.W. FAR45.25 (b) (2).
- ELT reprogrammed Hex ID ADC verified for Reg. No. "N100DA"
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 par D.
- Aircraft and documentation inspected for Major Mod's and/or STC's incorporated, none found.
- All applicable Airworthiness Directives, Service Bulletins complied with. See attached report.
- AWD BI-weekly checked thru 2018-15
- Aircraft and documentation reviewed, aircraft found to be in the same configuration as "Factory W&B Report" dated June 5, 2018.
 - Current Empty Weight = 1700.5 kg OR 3748.96 lbs
 - Current Empty C of G = 2.421 m OR 95.31 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 599.5 kg OR 1321.67 lbs
 - See Current W&B Report and AFM 7.01.25-E, Chapter 6.

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE
CERTIFICATE: A57CE Revision No. 25 AND IS IN A FIT AND SAFE
STATE FOR FLIGHT

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



Date: JUL 27 2018

End

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
CARRIED FORWARD						

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENTS)

Aircraft Serial Number 62.078 was issued a Standard Certificate of Airworthiness on: 27, July 2018
This Aircraft to be Maintained per the Manufacturers Inspection Program.

Ron Sokolowski
Ron Sokolowski DART 710613EA



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

Registration: N100DA
Airframe Total Time: 33.2
Engine LH SN: E4P-C-00167
Engine LH TT: 33.2
Prop LH SN: 180264
Prop LH TT: 33.2

AC Serial Number: 62.078
Work Order: SO 071908
Engine RH SN: E4P-C-00168
Engine RH TT: 33.2
Prop RH SN: 180265
Prop RH TT: 33.2

- 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.
- AFM supplement O04 removed from Ch 9.
- Limitation placards listed in supplement O04 removed from cockpit.
- Aircraft weight and balance report amended.
 - Current Empty Weight = 1705.3 kg OR 3759.54 lbs
 - Current Empty C of G = 2.420 m OR 95.27 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 594.70 kg OR 1311.08 lbs
- Supplementary equipment list added to AFM Ch. 6
- Current W&B Amendment added to AFM Chapter 6.
- Installed accumulator PN: P-893-3 SN: 17A156 on LH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- Installed accumulator PN: P-893-3 SN: 17A158 on RH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- LH & RH gear box oil levels adjusted following accumulator install.
- Ground runs and feather checks satisfactory.

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

ACA



Date: JUL 31 2018

END.

PAGE TOTALS

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACADIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93

Registration: N100DA
Airframe Total Time: 38.4
Engine LH SN: E4P-C-00167
Engine LH TT: 38.4
Prop LH SN: 180264
Prop LH TT: 38.4

AC Serial Number: 62 078
Work Order: SO 071908
Engine RH SN: E4P-C-00168
Engine RH TT: 38.4
Prop RH SN: 180265
Prop RH TT: 38.4

- Stall warning horn vein P/N: C-99701-1 replaced S/N: 172501-01 removed and S/N: 175977-01 installed & function tested

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

ACA

Date: **AUG 02 2018**

MAKE Diamond Aircraft Ind
MODEL DA62
S/N 62 078
REG NO N100DA
WORK ORDER
4389-08-2018

**Waterford Aviation, Inc.**

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 08 August 2018
A/C TSN
HOBBBS 44 1

Airframe Entries

Removed Standby Attitude Module MD302, P/N 6420302-1, S/N A18-11593. Installed new Standby Attitude Module, P/N 6420302-1, S/N E18-11181. Verified all configuration settings transferred IAW MidContinent Instruments and Avionics Model MD302 manual number 9017782, Rev K. Ops check good.

DATE: 08 August, 2018

SIGNED

Luke Hall A&P 3695185

Work Order: 4389-08-2018

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MAKE Diamond Aircraft Ind
MODEL DA62
S/N 62 078
REG NO N100DA
WORK ORDER
4565-11-2018

**Waterford Aviation, Inc.**

6548 Highland Rd
Suite 900
Waterford, MI 48327
Phone 248-724-2400

DATE 14 January, 2019
A/C TSN 78.5
HOBBBS 78.5

Airframe Entries

Installed new NLG bonding strap P/N BW1-B14-RB6-RB6-260

DATE: 14 January, 2019

SIGNED

Luke Hall A&P 3695185

Work Order: 4565-11-2018

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Section 1: Airframe Log

DATE 1 / 1	1 of 2	MAKE: Diamond MODEL: DA-62 S/N: 62-078 REG. NO: 100DA WORK ORDER: 8269-01-2019	 Premier Aircraft Service, Inc. 5540 NW 23rd Avenue Hanger 14 Fort Lauderdale, FL 33309 Phone: (954) 334-2393	DATE: 2/22/2019 A/C TSN: 92.3 TACH: 92.3
CARRIED FORWARD	DAILY TC HRS			

Airframe Entries

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA62 MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE 06/2024. ADs CHECKED THROUGH CURRENT ON ATP.
- (7) C/W DIAMOND DA62 MANDATORY 12 MONTH REPLACEMENT OF ECU BATTERIES IAW CH.4 AIRWORTHINESS LIMITATIONS. PN LC-R127R2P. OPS GOOD AT THIS TIME.
- (8) REGLUED HYDRAULIC BAY COVER BRACKET IAW AC 43-1B CH 3.
- (9) SAFETY WIRED L/H PROP TKS #2 NOZZLE IAW AC43.13-1B CH 7.
- (10) SAFETY WIRED R/H PROP TKS #2 IAW AC43.13-1B CH 7.
- (11) INSTALL SPIRAL WRAP & SECURE ALL LH & RH TKS NYLON TUBING IAW ATA 30-00-00.
- (12) REPLACED L/H AND R/H AUX FUEL DRAIN WITH NEW P/N CAV-180 IAW DA62 M/M CH 28-00. NO LEAKS DETECTED AT THIS TIME.
- (13) CLEANED CORROSION AND PROTECTED WITH AV30 ON LH ACTUATOR IAW DA42 CH 32-10.
- (14) ADJUSTED LH & RH MLG ACTUATORS & DOORS FOR PROPER FIT AND CLEARANCE IAW DA62 ATA 32-30. OPERATIONAL CHECKS GOOD.
- (19) SECURED ALL DOOR SEAL WITH BLACK 1300L IAW DIAMOND TECH SUPPORT RECOMMENDATIONS.
- (20) SECURED ALL DOORS HANDLE COVERS WITH EPOXY IAW ~~CA-42-19-1B~~ AC 43.13.1B.
- (21) NO DEFECTS NOTED AT THIS TIME. IAW DA 62 AMM CH. 21-40.
- (22) FLUSHED L/H AND R/H AUX FUEL TANKS AS REQUIRED.
- (23) TROUBLESHOOT PARKING BRAKE, FOUND PARKING BRAKE CABLE DAMAGED, AND PARKING BRAKE VALVE GETTING STUCK, REMOVED AND REPLACED BRAKE VALVE 60-5D-RW AND BOWDEN CABLE DAI-9032-40-02 IAW DA62 AMM CH 32-40. OPS GOOD AT THIS TIME.
- (24) REMOVED AND REPLACED RUDDER TRIM POINTER PN D60-7613-10-01, COVER SHEET D60-7613-10-02, INDICATOR, BACKGROUND ASSY D60-7613-18-00, OPS GOOD AT THIS TIME IAW DA62 AMM CH 27-21.

2 of 2

- (26) COULD NOT DUPLICATE DISCREPANCY. SEALED SWITCH PERIMETER WITH NON CORROSIVE SEALANT. OPERATIONAL CHECK GOOD.
- (30) SECURED REGISTRATION HOLDER INSIDE L/H FORWARD BAGGAGE DOOR WITH RESIN, IAW AC.43.13.1B.
- (31) SERVICED NOSE STRUT DAMPER ASSY IAW ATA 32-20-00
- (32) SEND VIDEO TO NEIL INSPECTED NLG ASSY FOUND NUT LOGGED BENEATH DAMPER AND PLATE ASSY. ALSO CLEAN THREADS ON DAMPER ASSY. ASSEMBLE NLG AS PER DA62 MM ATA 32-20-00
- (38) SERVICE LH ENG ACCUMULATOR IAW DA62 AMM 61-10. OPS GOOD.
- (39) COMPLIED WITH ELT TEST. OPS GOOD AT THIS TIME. C/W ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON KANND 406 ELT P/N 0141823J S/N 434377 HEX ID: ADCDE801400029D- AND FOUND SATISFACTORY. ELT BATTERY NEXT DUE DATE 6/2024
- (40) REMOVED AND REPLACED REAR BAGGAGE PANEL RIB NUT IAW AC 43 13 1B.

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

DATE: 2/22/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8269-01-2019

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-62
S/N: 62-078
REG. NO: 100DA
WORK ORDER:
8269-01-2019



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

DATE: 2/22/2019
A/C TSN: 92.3
TACH: 92.3

Airframe Entries

- (41) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY JEFF OWEN. RATED PILOT CERTIFICATE # 2310810 PER 14 CFR 91.407. NO DISCREPANCIES PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN FOUND DURING THE PMO FLIGHT.

DATE: 2/22/2019

SIGNED:

JEFF OWEN, RATED PILOT CERTIFICATE #
2310810

Work Order: 8269-01-2019

Printed by EBis 3 (datcomedia.com)



1213 N Sandusky Rd Suite B, Sandusky, MI 48471

c: (989) 823-4273 flyboyzaviation@yahoo.com

Tach:

HOBBS: 169.5

Work Order: 2019-2068

Date: 11/11/2019

ATT 169.50

TSOH:

TSTOH:

Tail: N100DA

Aircraft removed from service for the following maintenance:

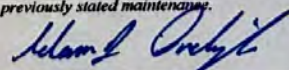
- 1) Removed & replaced R side electric pumps A & B IAW DA-62 AMM 28-20 item 7. Leak check good. Downloaded R engine logs & cleared fault history. Performed ops check of ECU A & B, run-up normal.
- 2) Complied with MSB 62-024 Rev2 by logbook analysis-part not replaced no further action required.
- 3) Complied with MSB 62-026 by installation of bonding straps BWI-B12-RY6-RY6-100 on L & R alternate air valve bracket to engine frame. No further action required.

PAGE
TOTALS

Work performed during this maintenance visit was completed IAW approved publications and all parts installed were determined to be approved for aircraft use prior to installation. Aircraft is returned to service after the previously stated maintenance.

Adam Ondrajka

A&P/IA 3531616



NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

11/18/2019

- POST MAINTENANCE OPERATIONAL FLIGHT

PERFORMED BY JOHN BECKER (PILOT CERTIFICATE
2794050) PER CFR 91.407. NO DISCREPANCIES,
PERTAINING TO ITEMS ON WORK ORDER 2019-2068,
DATED 11/11/2019, HAVE BEEN FOUND DURING THE
PMO FLIGHT. *John Becker*

John Becker, Cert # 2794050, 11/18/2019

1 of 2

MAKE: Diamond
MODEL: DA-62
S/N: 62 078
REG. NO: 100DA
WORK ORDER:
8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.6
TACH: 180.6

Airframe Entries

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA62 MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 06/2024. ADS CHECKED THROUGH CURRENT ON ATP.
- (10) C/W AIR CONDITION INSPECTION. IAW RACC AMM-TR-OAM 62-005. NO DEFECTS NOTED AT THIS TIME.
- (11) C/W FIRE EXTINGUISHER INSPECTION AND WEIGHT CHECK.
- (12) PERFORMED 406 ELT OPS CHECK IAW FAR 91.207-D ON ELT PN S1840501-02 SN KA0019373021. BATT EXP DATE 30-06-2024.
- HEX ID ADCDE801400029 OPS CHECKED GOOD.
- (13) C/W ECU BACK UP BATTERY REPLACEMENT. INSTALLED NEW BATTERIES PN LC-R127R2P IAW DA62 MM CH 24-30 OPS CHECKED GOOD.
- (15) SERVICED MLG AND NLG WITH NITROGEN IAW DA62 AMM CH 32-10 AND 32-20.
- (19) SECURED LH & RH MLG BRAKE LINES IAW DA62 MM CH 32-40.
- (20) OXYGEN SYSTEM. SERVICED IAW DA62 MM CH 35-00.
- (22) SANDED, CLEANED, PAINTED AND SEALED LH ENGINE VALVE COVER IAW DA62 MM CH 71-10-00.
- (23) SANDED, CLEANED, PAINTED AND SEALED RH ENGINE VALVE COVER IAW DA62 MM CH 71-10-00.
- (24) UPDATED POH WITH NEW DOC. NO. 11.01.05-E DATED 11-JANUARY-2019 REVISION #0.
- (25) REMOVED SURFACE RUST FROM NLG BRACE BEARING CURVED ROLLERS. IAW AC43.13-1B CH 6.
- OPERATIONAL CHECK GOOD.
- (26) ADJUSTED PILOT LOCK ASSY IAW DA62 MM CH 52-10. OPS CHECKED GOOD.
- (27) ANNUAL DOWNLOAD ON LH AND RH ENGINE ECU VERSION COMPLETED IAW AE 300 WIZARD AND EMAILED RESULTS TO AUSTRO AND DIAMOND.
- (29) UPDATED ECU ON LH ENGINE TO VERSION VC33.2P.06.23 IAW AE300 WIZARD.
- (30) UPDATED ECU ON RH ENGINE TO VERSION VC33.2P.06.23 IAW AE300 WIZARD.

2 of 2

- (36) C/W MSB62-002/3 SOFTWARE FOR E4P-C ENGINE APPROVED VERSIONS. UPDATED ECU SOFTWARE VERSION F23 IAW AE 300 WIZARD PERFORMED ENGINE RUN. OPS CHECKED GOOD.
- (39) C/W MSB-E4-026 INSPECTION OF ENGINE HARNESS FOR LH ENG. NO DEFECTS NOTED AT THIS TIME.
- (40) C/W MSB-E4-026 INSPECTION OF ENGINE HARNESS FOR RH ENG. NO DEFECTS NOTED AT THIS TIME.
- (45) C/W MSB-E4-017 CHECK/ EXCHANGE OF TIMING CHAIN. FOR ENGINE WITH OUT KNOWN WINDMILLING. NO ACTION REQUIRED AT THIS TIME. PER MM E4 DOC. 08.04 CH 5-20-00.
- (46) SECURED LH & RH SEAT ADJUSTMENT CABLES FROM CHAFING CONTROL STICK ASSEMBLIES AS REQUIRED.
- (50) REPLACED STRIPPED SCREWS ON INSTRUMENT PANEL WITH SERVICEABLE PARTS IAW AC43.13-1B CH 7.

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

DATE: 2/25/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8793-02-2020

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-62
S/N: 62 078
REG. NO: 100DA
WORK ORDER:
8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.6
TACH: 180.6

Airframe Entries

- (61) POST MAINTENANCE OPERATIONAL FLIGHT PERFORMED BY JEFF OWEN, RATED PILOT CERTIFICATE # 2310810 PER 14 CFR 91.407. NO DISCREPANCIES PERTAINING TO ITEMS ON THIS WORK ORDER HAVE BEEN FOUND DURING THE PMO FLIGHT.

DATE: 2/25/2020

SIGNED:

JEFF OWEN, RATED PILOT CERTIFICATE #
2310810

Work Order: 8793-02-2020

Printed by EBis 3 (datcomedia.com)

Section 1: Airframe Log

DATE / /	AIR TIME				LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							

1213 N Sandusky Rd Suite B, Sandusky, MI 4847
c:(989) 823-4273 flyboyzaviation@yahoo.co

Tach: HOBBS: 194.4 Work Order: 2020-3059 Date: 6/3/2020
Engine TT TSOH: TSTOH: Tail: N100DA

Aircraft removed from service for the following maintenance:

Downloaded R engine data for troubleshooting. Removed both R/H low pressure fuel pump assy & replaced with new pumps 0_580_054_001, check valves 1_583_386_514, & bypass valve D67-9028-00-01 with new aluminum rings IA Diamond DA-62 AMM 28-20-00 per Diamond Tech Support request. Performed leak check & engine run with discrepancy no longer remaining. Aircraft returned to service.

Work performed during this maintenance visit was completed IAW approved publications and all parts installed were determined to be approved for aircraft use prior to installation. Aircraft is returned to service after the previously stated maintenance.

Adam Ondrajka A&P/IA 3531616

#1 C.R.S. TFGR831K

TOP FLIGHT
Avionics
Willow Run Airport (YIP)
Belleville, Michigan 48111

MAINTENANCE RELEASE

This Aircraft Appliance/Component was repaired and inspected in accordance with current Federal Aviation requirements and was found air worthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 21221 Date: 7-22-20

☐ O/H ☐ Repaired ☒ F/T
☐ Removed Serviceable ☐ Rebuilt

☒ PFD CUL

Unit PFD

Mfg. Garmin

P/N

Model GBC-74 S/N New

Owner John Becker

N# N100DA

Tech.

Insp. By

BY: [Signature]
WO#: 21221

CODE	READING
3,000	15
2,000	15
1,000	
500	
200	
100	
50	
20	
10	
5	
0	
0%	15
0%	15
FEET	15

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case	Hysteresis
-1000	0		-1.2		
0	0		-0.0		
500	0		-0.5		
1000	-1.2		1.2		
1500	-1.2		1.5		
2000	-1.6		2.2		
3000	-1.0		7.2		
4000	-1.2		4.2		
5000	-2.0		5.2		
6000	-2.2		6.2		
8000	-3.2		7.2		
10000	-3.2		7.2		
12000	-3.2		12.2		
14000	-3.2		14.2		
15000	-3.2		15.2		
16000	-3.2		16.2		
18000	-3.2		18.2		
20000	-4.2		21.2		
22000					
25000					
30000					
35000					
40000					
45000					
50000					

Tested in compliance with Appendix E, Part 43, FAR 91.411	Tested to:	ft.	W.O. #:
	204		19077

Precision Static Testing FAA CRS# QJAR856X

PILOT / FIRST OFFICER / STAND-BY

Form 1A

AOI / 08 Jan 2007

I certify
by 14 C
91.413,
have be
43, App
Tested 1
W/O#
Inspect

ABSOLUTE AERO

MAINTENANCE

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

AIRFRAME ENTRY

WORK ORDER: 3098 AIRCRAFT: N100DA TACH: 267.7 TTAF: 267.7

DATE: 04/08/2021

MODEL: Diamond DA 62 S/N: 62.078

C/W OSB 62-025 "G1000 NXi Phase I to Phase II" using kit (P/N: OSB-62-025-KIT). C/W MSB-62-003/3 "G1000 system software" by complete software load and configuration with version 2056.12 for NXi Phase II. C/W OSB 62-034 by installation of Flight Stream 510 (P/N: 010-01322-01, S/N: 402014272). Updated aircraft equipment list. Change to weight and balance negligible. FAR 91.411 & 91.413 inspections performed by Precision Static Testing (CRS# QJAR856X, WO# 19075).

C/W MSB 62-020 "passenger seat lap safety belt connections" by visual inspection, no defects noted. C/W MSB 62-027 "heated static ports" by visual inspection and found both static ports were inverted. Corrected both static ports and connected hoses as required in accordance with WI-MSB 62-027.

Completed annual inspection referencing DA 62 AMM 05-28-50 100/200-hour inspection checklist. C/W 04-00-00 1-year ECU battery replacement with new (4EA P/N: LC-R127R2P). C/W 05-10-00 1-year alternator excitation battery replacement with new (2EA P/N: LC-R121R3P), 2-year landing gear damper fluid and hydraulic power pack reservoir fluid replacement, 3-year brake fluid replacement, and 200-hour induction air filter replacement with new (P/N: RU-1620). C/W 05-25-00 drain holes inspection checklist. C/W 12-30-00 corrosion prevention checklist. Replaced both fuel filters with new supplied in service kit (P/N: DA42-AE-100KIT). C/W DA 62 AMM 12-20-00 100/200 hour lubrication schedule and serviced all wheel bearings. Charged main battery and performed capacity test; passed C1: 95.6% per Concorde TB-13.

Re-sealed the nose and main landing gear hydraulic actuators using the following new parts: (3EA P/N: MS28775-131, X11-0006-039179, X11-0006-402471, X11-0006-402473). Bled and serviced the landing gear hydraulic system. Set landing gear oleo strut pressures with nitrogen. Replaced L/H aux fuel tank drain valve with new (P/N: DA4-9028-17-01).

Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage. Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear. Performed operational tests of the retractable landing gear in normal and emergency configurations. No defects noted at this time.

I have performed an operational check and inspection on this ELT in accordance with FAR 91.207D and it has been determined to be in an airworthy condition. ELT battery expiration date: 08/2024. Verified AD's current through FAA AD biweekly 2021-07. All work completed in accordance with the Diamond DA 62 Maintenance Manual and Garmin G1000 NXi Line Maintenance Manual. -END

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

Brandon Thompson A&P / IA 3212565

Section 1: Airframe Loc

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG. NO: N100DA
WORK ORDER: 4047

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

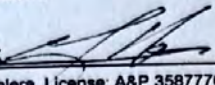
DATE: 8/4/2021
A/C TSN: 373.5
TACH: 373.5

Airframe Entries

Replaced LH brake pads PN: 066-15500 and disc PN: 164-25700 due to excessively worn parts using Diamond DA62 AMM. Ch: 32 as a guide. Operation check good. Replaced RH brake pads PN: 066-15500 and disc PN: 164-25700 due to excessively worn parts using Diamond DA62 AMM. Ch: 32 as a guide. Operation check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Unostegui, Michael Moreno

DATE: 8/4/2021

SIGNED: 

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4047

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG. NO: N100DA
WORK ORDER: 4127

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

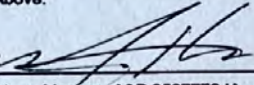
DATE: 11/12/2021
A/C TSN: 475
TACH: 475

Airframe Entries

Re-adhere rear passenger door trim due to not staying in place using Diamond DA62 as a guide.

Technicians Who Worked On The Items Listed Above:
Michael Moreno

DATE: 11/12/2021

SIGNED: 

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4127

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG. NO: N100DA
WORK ORDER: 4100

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

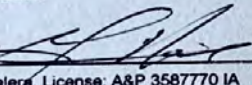
DATE: 10/5/2021
A/C TSN: 438.5
TACH: 438.5

Airframe Entries

Re-Secured passenger door trim as required.... Adjusted LH and RH engine turbo waste gates as required, due to intermittent ECU fail codes using Austro E4 MM Ch 81-20-00 as a guide. Operation check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Unostegui, Richard Formica

DATE: 10/5/2021

SIGNED: 

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4100

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG. NO: N100DA
WORK ORDER: 4207

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 4/29/2022
A/C TSN: 554.9
TACH: 554.9

Airframe Entries

Complied with 100hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.

All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-08

Complied with ELT Annual and visual inspection per FAR 91.207 "D" as a guide with no defects noted at this time. ELT battery EXP date: 06/2024

Replaced LH & RH engine ECU batteries PN: NP7-12 (x4) due to annual replacement using Diamond DA62 AMM Ch.24 as a guide.

Replaced auxiliary alternator exciter batteries PN: NP1-2-12 (x2). Operation check good.

Replaced LH & RH fuel filters PN: WK724_3 (x2) due to 100hr replacement using AMM Ch.28 as a guide. Operation/leak check good.

Replaced LH fuel filter PN: D57-9029-07-01 SN: 3344 (OLD: SN: 2458) due to leakage and improper clearance of fittings using AMM chapter 32 as a guide.

Operation/leak check good.

Complied with FC-62-010 REV.5 and MSB 62-037 REV.1 by installing supplementary data plate PN: DCB_TP1-11-A-01X01 next to existing data plate on aircraft empennage and sending execution report to Diamond.

Replaced LH aux tank transfer pump PN: PX375-TC-28V-Q2 SN: 35645 (old sn: 33112) due to it leaking at its case half using Diamond DA62 AMM Ch.28 as a guide.

Operation/leak check good.

Replaced LH aux tank quick drain due to leak using Diamond DA 62 AMM Ch.28 as a guide. Leak check good.

Replaced LH MLG brake disc PN: 164-25700 and pads PN: 066-15500 (x4) due to wear using Diamond DA62 AMM Ch. 32 as a guide.

Replaced RH MLG brake disc PN: 164-25700 and pads PN: 066-15500 (x4) due to wear using Diamond DA62 AMM Ch. 32 as a guide.

Replaced LH MLG tire PN: 606C86-6 SN: 13080875 due to wear using Diamond DA62 AMM Ch.32 as a guide. Leak check good.

Replaced RH MLG tire PN: 606C86-6 SN: 13080870 due to wear using Diamond DA62 AMM Ch.32 as a guide. Leak check good.

Replaced NLG door RH rocker arm curved part PN: D67-5283-10-02 due to cracks using Diamond DA62 AMM Ch.32 as a guide.

Replaced RH wing door manifold line o-ring PN: D60-9030-00-10 due to leak using Diamond DA62 AMM Ch.30 as a guide. Operation/leak check good.

Replaced rear rudder bracket bonding strap as required using Diamond DA62 AMM Ch.51 as a guide.

Replaced LH engine oil placard PN: D4D-1126-20-11_1 due to incorrect placard using Diamond DA62 AMM Ch.11 as a guide.

Replaced LH engine air filter PN: RU-1630 (x2) due to time limit parts using Diamond DA62 AMM Ch.71 as a guide.

Serviced all landing struts with hydraulic fluid and nitrogen as required using Diamond DA62 AMM Ch.32 as a guide. Operation/leak check good.

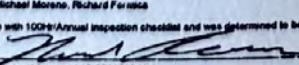
Performed electrical bonding system test as required per 4 year or 1000 hour inspection using DA62 AMM Ch.51-80 as a guide. Operation check good.

Replaced wing deicing proportioning valve LH PN: PU303DW225 SN: CAVI21110832 (old sn: CAVI17C252) RH PN: PU303DW225 SN: CAVI21120276 (old sn: CAVI17C252) due to internal failure using Diamond DA62 AMM Ch.30 as a guide. Operation/leak check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Unostegui, Andres Guzman, Jon Shas, Michael Moreno, Richard Formica

I certify that this aircraft has been inspected in accordance with 100hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 4/29/2022

SIGNED: 

Richard Formica, License: A&P 3702089 IA

Work Order: 4207

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PAG
TOTA

Next Page

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG NO: N100DA
WORK ORDER: 4238

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 11/10/2022
A/C TSN: 654.7
TACH: 654.7

CE:

CA

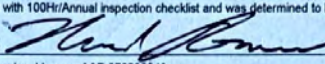
Airframe Entries

Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-22.
Complied with ELT Annual and visual inspection per FAR 91.207 "D" as a guide with no defects noted at this time. ELT battery EXP date: 06/2024
Replaced LH and RH engine fuel filters PN:WK724_3 (X2) for 100 hour replacement using Diamond DA62 AMM Ch.28 as a guide. Operation/leak check good.
Replaced stall lift detector PN D60-9027-37-11 SN:570 (OLD SN:175977-05) due to stall heat failure cas message using Diamond DA62 AMM Ch 57 as a guide.
Ground operational check good.
Performed 1000hr Bonding System and Static Discharge test using Diamond D62 AMM Ch. 51-80 as a guide. No discrepancies noted at this time.
Re-secured door trim moldings with terostat & secured LH door handle cover as required using Diamond DA62 AMM Ch.52 as a guide.
Replaced LH and RH brake linings PN 066-15500 (X8) due to wear using Diamond DA62 AMM Ch.32 as a guide.
Replaced RH engine alternate air valve lock ring due to wear using Diamond DA62 AMM Ch.81 as a guide.
Replaced LH & RH nacelle de-ice junction block line o-rings PN: D60-9030-00-10 (X2),D60-9030-00-01 (X2) due to fluid leaks using Diamond DA62 AMM Ch.30 as a guide. Operation/leak check good.
Replaced LH and RH engine air filter clamps TORRO_70-90_9_W1 due to wear using Diamond DA62 AMM Ch.81 as a guide.
Repaired LH and RH engine turbo air inlet scat tubing as required due to damage.
Removed, sonic cleaned and inspected LH and RH coolant pressure relief valves due to intermittent failures and found it to be in serviceable condition. Re-installed valves and performed pressure test as required using Diamond DA62 AMM Ch.75 as a guide. Operation/leak check good.
Repaired NLG bonding strap as required due to damage using Diamond DA62 AMM Ch.51 as a guide.
Replaced tail upper fairing attachment rivnut PN: M5-61 R SK A2 due to wear using Diamond DA62 AMM Ch.55 as a guide.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uriostegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 11/10/2022

SIGNED: 

Work Order: 4238

Richard Formica, License: A&P 3702089 IA

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG NO: N100DA
WORK ORDER: 4356

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 12/21/2022
A/C TSN: 673.1
TACH: 673.1

Airframe Entries

Repaired stall heat system switch (RH squat switch) and re-rigged as required due to intermittent failures using Diamond DA62 AMM Ch.27 & 92 as guides. Flight operation check good.... Removed, cleaned, inspected and re-installed LH & RH engine boost pressure actuator damper restrictors as required due to power differential between engines using Austro WI-MSB-E4-029 as a guide. Performed ground/Flight operational checks good....
Repaired/adjusted pilot side seat backrest recline system function as required using Diamond DA62 AMM Ch.25 as a guide. Operation check good....
Inspected Deicing system due to excessive leaking from porous panels and found multiple lines to have leaks and pump 2 check valve to be stuck open, replaced seals from leaking lines and repaired check valve as required using Diamond DA62 AMM Ch.30 as a guide. Operation/leak check good....
Performed coolant system pressure relief valve test on LH & RH engines and serviced coolant system as required due to excessive coolant overboard spray using Diamond DA62 AMM Ch.75 as a guide. Ground operation/leak check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uriostegui, Richard Formica

DATE: 12/21/2022

SIGNED: 

Work Order: 4356

Richard Formica, License: A&P 3702089 IA

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'Flight-Deck Avionics, LLC'		237 N. 2370 W., Salt Lake City, UT 84116		CRS# F62R677Y	Form No. FD-009
Tail #: N100DA	Mfg: Diamond	Model: DA 62	Serial: 62.078		
This Is A Permanent Logbook Entry:		Performed tests and inspections in accordance with 14 CFR 43:	☒	Appendix E to comply with 14 CFR 91.411	
			☒	Appendix F to comply with 14 CFR 91.413	
UNIT	MFG	MODEL	PART #	SERIAL #	TEST ALTITUDE / DATA CORRESPONDENCE
Altimeter/ADC	Garmin	GDC 72	011-03734-00	45S000708	20,000'
Altimeter Stby.	Mid-Continent	MD302	6420302-1	E18-11181	20,000'
Transponder	Garmin	GTX 345R	011-03303-00	3EH028126	20,000'
-	-	-	-	-	-
-	-	-	-	-	-
The above identified aircraft has been maintained and inspected in accordance with current CFRs and is approved for return to service. Details are on file at this station under work order no. 13841.					
Signed: James O Goodrich		Digitally signed by James O Goodrich Date: 2023.03.10 16:18:45 -0700		Date: 3/10/2023	
(FAA CRS# F62R677Y)		Recertification Due: March 2025			

MAKE: Diamond
MODEL: DA62
S/N: 62 078
REG. NO.: N100DA



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4461
DATE: 06-07-2023
A/C TT: 758.4
A/C Tach: 756.4

Airframe Entries

Complied with 100Hr inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-11
Complied with ELT Annual and visual inspection per FAR 91.207 "D" as a guide with no defects noted at this time. ELT battery EXP date: 06/2024
Replaced LH and RH engine fuel filters PN:WK724_3 (X2) for 100 hour replacement using Diamond DA62 AMM Ch.28 as a guide. Operation/leak check good.
Replaced ECU backup batteries P/N: NP7-12 due to annual replacement; using Diamond DA62 AMM Ch.24-30 as a guide. Operation check good. Next due: 6/2024
Replaced alternator exciter batteries P/N: NP1.2-2, for recommended annual replacement; using Diamond DA62 AMM Ch.24 as a guide.
Replaced LH nose baggage door due to worn strut; using Diamond DA62 AMM Ch.52 as a guide.
Removed and installed oxygen bottle SN: 11214 for hydrostatic test by SJ OBrien ent. using Diamond DA62 AMM chapter 35 as a guide. Operation/leak check good. Next due: 6/2028
Replaced LH engine propeller unfeathering accumulator bottom grommet using Diamond DA62 AMM Ch.61 as a guide.
Inspected, cleaned and secured LH aux tank rear line fittings due to fuel leakage; using Diamond DA62 AMM Ch.28-10 as a guide. Operation/leak check good.
Inspected, cleaned and secured RH aux tank rear line fittings due to fuel leakage; using Diamond DA62 AMM Ch.28-10 as a guide. Operational leak check good.
Readjusted RH MLG actuator rod end bearing due to the folding stay not having adequate tension using Diamond DA62 AMM Ch.32-30 as a guide. Bled hydraulic system and performed multiple gear swings using Diamond DA62 Ch.29-10 as a guide. Operation/leak check good.
Replaced RH main tire P/N: 606C86-6 S/N 13080870 (New P/N:606C86-6 S/N 31130066) due to flat spot using DA62 AMM-R3 chapter 32-40-00 as guide.
Replaced Nose wheel axle nut and washer due to deteriorated nylon insert; using Diamond DA62 AMM Ch.32-40 as a guide.
Repaired NLG bonding strap as required due to broken strands.

I certify that this Aircraft has been inspected in accordance with 100 Hour inspection was determined to be in airworthy condition.

DATE: 06-07-2023

SIGNED:

Andres Almazan-Urostegui
Cert.: AP 4257382

WORK ORDER: 4461

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Diamond DA-62 S/N 62,078 TAF: 787.8 August 28 2023
Owner reported Intermittent operation of electric boost
pump R/H Eng ECU B. Replaced worn moxex pins
on R/H Eng Fuel boost Connector. Ops CK OK.
A/c released for flight - End - Michael S. Nielson AP 3152525

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4570
DATE: 12-15-2023
A/C TT: 813.4
A/C Tach: 813.4

AIRFRAME Entries

- Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-25
- Complied with ELT Annual and visual inspection per FAR 91.207 "D" as a guide with no defects noted at this time. ELT battery EXP date: 06/2024
- Replaced LH and RH engine fuel filters PN:WK724_3 (X2) for 100 hour replacement using Diamond DA62 AMM Ch.28 as a guide. Operation/leak check good.
- Performed MSB62-052 Horizontal stab torque check, using WI-MSB62-052 Section III as a guide.
- Performed MSB62-045/2 inspection of starter wiring connection using MSB 62-045 Rev. 2 as a guide.
- Performed MSB62-042/1 by modifying rudder mounting holes and adhering x3 bushings PN: BU6-8-6-0100-C with Hysol using WI-62-042/1 and Diamond DA62 AMM as a guide.
- Performed MSB62-003/8 (I.B.3) G1000 manifest software version verification with no defects noted at this time.
- Replaced RH engine coolant heat exchanger tube clamp due to being broken using Diamond DA62 AMM Ch.21 as a guide.
- Replaced NLG bonding strap due to being broken using Diamond DA62 AMM Ch.51 as a guide.
- Replaced all RH low pressure fuel pump seals due to leaks using Diamond DA62 AMM Ch. 28 as a guide. Operation leak check good.
- Replaced hydraulic accumulator PN: X11-005 SN: 1633 (old SN: 1048) due to it leaking, using Diamond DA62 AMM Ch.29 as a guide. Operation/leak check good.
- Replaced hydraulic high pressure filter for 1000hr requirement using Diamond DA62 AMM Ch.29 as a guide. Operation/leak check good. NEXT DUE @ 1813.4
- Performed Diamond RSB62-050 by installing bowden cable extension PN: D60-7103-00-30 using WI-RSB62-050 as a guide. operation check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 12-15-2023

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4570

Printed by EBIS (EBISCloud.com)

TOTALS

MAKE: DIAMOND
MODEL: DA62
S/N: 62 078
REG. NO: N100DA



Aero City Maintenance
2901 East Spring St, Suite A
LONG BEACH, California 90806

W/O #: 4651
DATE: 09-06-2024
A/C TT: 891.4
A/C Tach: 891.4

AIRFRAME Entries

- Complied with 100Hr/annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-16
- Complied with ELT Annual inspection using FAR 91.207(d) as a guide. Replaced ELT battery pack PN: 0141823 using Kannad Aviation ELT 406 AF-Compact IM as a guide. Operation check good. Next due: 3/2031
- Replaced LH/RH fuel filters PN:WK724_3 (X2) due to annual replacement using Diamond DA62 AMM Ch.28 as a guide. Operation/leak check good.
- Replaced RH/LH ECU batteries PN: NP7-12 due annually using Diamond DA62 AMM Ch. 24 as a guide. Operation check good. Next due: 9/25
- Replaced alternator exciter batteries P/N:NP1.2-12 due to 12 month replacement using Diamond DA62 AMM CH 24-33 as a guide. Operation check good.
- AD2026-22-18 Baggage net defective buckles, does not apply to this aircraft per section (g) of this AD. PN: D67-2550-92-00_02 is called out in AD, and PN: D67-2550-92-00_02 is installed. DMF: 08/2017.
- AD2024-07-03 previously complied with on 12/2023 T: 813.4 hours by checking the torque on the horizontal stabilizer mounting bolts using MSB62-052 as a guide. No further action required.
- Replaced auxiliary alternator belt due to wear using Diamond DA62 AMM Ch. 24 as a guide. Operation check good.
- Replaced LH prop governor unfeathering line PN: A23684-01 and fitting PN: AN816-6-2 due to leaks using Diamond DA62 AMM Ch. 61. As a guide. Operation/leak check good.
- Replaced RH prop governor unfeathering line PN: A23684-01 and fitting PN: AN816-6-2 due to leaks using Diamond DA62 AMM Ch. 61. As a guide. Operation/leak check good.
- Cleaned and torqued checked RH aux pump fittings due to leaks using Diamond DA62 AMM Ch. 28 as a guide. Operation/leak check good.
- Replaced NLG AFT bonding strap as required, using Diamond DA62 AMM Ch. 51 as a guide.
- Replaced Adel clamp on LH engine coolant line due to damage using DA62 AMM CH 75 as a guide.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 09-06-2024
SIGNED:
Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4651
Printed by EBIS (EBISCloud.com)

ICENCE:
AME or
MO/ACA

AIRCRAFT TECHNICAL RECORD

Section 2. INSTALLATIONS & MODIFICATIONS LOG

RECORD of INSTALLATIONS & MODIFICATIONS

- a. Engine Installations
- b. Propeller Installations
- c. Airworthiness Directives (A/D)
- d. Service Bulletins (S/B)
- e. Special Inspections (S/I)
- f. Modifications (MODS)

1. Nationality & Registration USA N100DA
2. Manufacturer's Designation DA 62



Aircraft S/N:

62.078

Registration:

Date:

06.07.2018

Released by:

VÄM	Title	perf	MÄM 62-	Title	perf	MÄM 62-	Title	perf
62-001a	New TC DA62	☐	049	Fuel Filter Drain Seal	☒	096	Interior Improvement II	☒
42-007	DA 62	☒	050	NLG Draw ing Improvement II	☒	097	Weight saving console center Tun.	☒
MÄM 62-	Title	perf	051	Improved ECU bracket	☒	098a	Rudder Trim Tab Hinge Position	☒
001	2300 kg MTOM	☒	052a	Impr. Upper Nacelle Shielding	☒	099a	Weight savings inner frame	☒
002	Improved Instrument Panel	☒	053	Placards Design Improvement	☒	100a	Impr.spherical bearing rudder contr.	☒
003	Rear Baggage Compartment	☒	054a	Attachment points Gust Lock	☒	101a	Seat Improvements III	☒
004	Interior Definition	☒	055	Cool.water tank-thread cap larger outlet	☒	102	Placard Improvement	☒
005	Large Tires for MLG 1999 kg MLM	☒	056	Larger hole f.TKS line- Nacelle frame	☒	103b	Door lock with insert nuts	☒
006	2300 kg MLM	☒	057a	Bonding geometr.chd.Windows PR1440B2	☒	104	Draw ing Recording VII	☒
007	Colors other than w hite	☒	058	HS Trim & Fit Improvment	☒	105b	Weight Saving Elevator	☒
008	Nose Baggage Compartment	☒	059	Improved cabin sealing	☒	106	Impr. nose baggage door hinge	☒
009	Impr. Electric/Avionic Draw ings	☒	060	Ring Frame 1 RACC mount.surface	☒	107	Pitot-Static-Tube Routing-bulkheads	☒
010	Kinematic Improvement Doors	☒	061	Fuselage rebates opt. equipment	☒	108	Rudder Paint scheme-electr.bond.	☒
011	Structural Improvement Doors	☒	062	Inspection holes for nose cone	☒	109a	Horizontal Stabilizer Bolting	☒
012	Draw ing Recording	☒	063	Max Zero Fuel Mass 2200kg	☒	110a	Interior Improvement III	☒
014	Structural Parts I	☒	064	Notes for accompanying samples	☒			
015	Control System Draw ing Recording	☒	065	Draw ing Recording IV	☒	112a	Larger charged air hose	☒
016	Reinforced VT Spar Bell crank	☒	066	Impr. Electric / Avionic Draw ings II	☒	113	Firew all Sheet Trim	☒
017	Improvement Seats	☒	067	Recess Nacelle Air Outlet Sheet	☒	114	Weihtg Saving Corr. Prot. Layers	☒
018	Kinematic Improvement Doors II	☒	068a	Attachment Operational Equipment	☒	115	Bonding improvements of spar	☒
019	Clear. Improvement AP-System	☒	069	Thinner Placards	☒			
020	Draw ing Recording	☒	070	Prod. Improvement Ventral Fin	☒	117a	Center Tunnel Simplification	☒
021	Draw ing Recording III	☒	071a	Prod.improvm. center wing foams	☒	118	HTTP Antenna Rib Weight Saving	☒
022a	New Limits Balancing Mass Aileron	☒	072a	Up. Rudder hinge move up to 10 mm	☒	119	Rem. Of Cover, Cargo Bay, RH	☒
023a	Improved Flap bell crank	☒	073	Production Impr. Interior I	☒	120	Prod. Impr. - Structural Parts II	☒
025a	Improved Aileron Bellcrank Guard	☒	074	Improvement Seats II	☒	121	Wing Tank Filler Cap Prot. Placard	☒
026b	Improved Avionic Box	☒	076	Draw ing Recording V	☒	122	New Type 6 Lubricants	☒
027	Clear.Manuf.inprovm. NLG area	☒	077	MLG Drag Brace Rib Reinforcement	☒	123	Integrated Fire patches	☒
029	Draw ing Rec. Safety Walk	☒	078	Wing Tip conn. w ith more bolts	☒	124b	Larger Backrest Pockets	☒
030	Improved Fit Control Stick	☒	079	NLG Box Improvement	☒	125a	Weight saving crew doors	☒
032	Lightn.Prot.Production Simplification	☒	080c	Glareshield w eight saving	☒	126a	Weight saving passenger doors	☒
033	Direct Vision Panel Copilot Door	☒	081	Sporty Wheel Cap	☒	127a	CB4 Main Bolt Bushings	☒
035	NLG Draw ing Improvement	☒	082a	Shorter MLG Doors	☒	128	Draw ing Recording - Landing Gear	☒
036	Fuel Select.gearbox housing Impr.	☒	083a	Prod. Impr. - Structural Parts	☒	129	Redesign AP Cable Bridle Clamp	☒
037	Hydraulic Line Shielding I	☒	084a	Production Improvement - NLG	☒	130	Lighter Charge Air Hose	☒
038	LP Corrosion protection	☒	085	Reinforced MLG Strut	☒	131	New bracket for NLG up switch	☒
039	Mount.Fire Exting. & Egress Hammer	☒	086a	Control System Improvements I	☒	132	Fire w all cable bush-reduced height	☒
040	Nacelle Cover NACA vents	☒	087	Compass Installation Improvement	☒	133	Main Spar Casing bond. Gap reduc.	☒
041	Enlarged Nose Landing Gear Doors	☒	088a	I-Panel Sheet Metal Improvement	☒	134	Weight Saving Aileron Push Rods	☒
043	Placard Door Handle	☒	089	Eng.Contr.Assy shorter Sw itch cam	☒	135	Trim Setting Indicator conn. Impr.	☒
044	Rear NACA Removal	☒	090a	Reinf.fuselage COMM1/GPS2 Ant.	☒	136	Draw ing Recording VIII	☒
045	Placards Center Console	☒	091	Draw ing Recording VI	☒	137a	Weight Saving Instrument Panel	☒
046	Att.of Terminal Block on NLG Bulkhead	☒	092	Mod. Fuel Tank Vent Fittings	☒	138a	Op. Suitability Data Master Min. Equ. L	☒
047	Wing Spar Gap Prod. Optimizat.	☒	093b	Prod. Improvement Nacelle Floor	☒	139	Battery Mount.Bracket Trimming Edge	☒
048	HS Lightning Protection Simpl.	☒	094	Distance Bushing VT Spar Impr.	☒	140	Prov. On ceiling frame for sun visors	☒
			095a	NLG Bulkhead-Impr.Battery Rebate	☒	141c	Rear Bagg.tray flex bagg.comp.prov.	☒

S/N: 62.078

Date: 06.07.2018

Inspector:

[illegible]

Page 1 of 1

This page has been updated on 14 June 2018

This page has been updated on 14 June 2018

We hereby confirm that there are no airworthiness directives due on the aircraft and the aircraft is fit for flight.

06 JULI 2018

Signature: _____

Date:

06. JULI 2018

AIRCRAFT

TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

1. Make Austro Engine GmbH
2. Model E4P-C
3. Specification E00081EN
4. Manufacturer's Serial Number E4P-C-00167
5. Date of Manufacture April 2018
6. Aircraft Inspection Cycle _____



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

Registration:
Airframe Total Time:
Engine LH SN:

N100DA
31.6
F4P-C-00167

AC Serial Number: 62.078
Work Order: SO 071908
Engine LHTT: 31.6

- Engine E4P, S/N: E4P-C-00167, installed on Aircraft DA 62 S/N: 62.078, LEFT
- Total Time Engine brought forward: 31.6 hrs
- EECU software installed: VC33_2P_05_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 2018-15**
- Refer to Austro MM E4.08.04, latest revision for component inspection/exchange intervals
- Next inspection due: 100 hr inspection

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



Date: **JUL 27 2018**

[illegible]

CARRY FORWARD to Top of Next Page

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat Luftfahrt-Bundesamt / Germany		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1 Freigabebescheinigung EASA-Formblatt 1			3. Form Tracking Number Lfd. Nummer 3380/17	
4. Organisation Name and Address: Name und Anschrift des Unternehmens MT-Propeller Entwicklung GmbH Airport Straubing-Wallmühle 94348 Atting - Germany					5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung 2010018443	
6. Item Pos.	7. Description Beschreibung	8. Part No. Teile-Nr.	9. Qty. Menge	10. Serial No. Werk-Nr.	11. Status/Work Status/Arbeiten	
1	Accumulator	P-893-3	1	17A156	"NEW"	
12. Remarks Bemerkungen New Part(s) Year of construction: 2017 TSN: 00:00 hrs.						
13a. Certifies that the items identified above were manufactured in conformity to: Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit: ☒ approved design data and are in a condition for safe operation genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden ☐ non-approved design data specified in block 12 nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 12				14a. ☐ Part-145.A.50 Release to Service Teil-145.A.50 Freigabe ☐ Other Regulation specified in block 12 Andere in Feld 12 angegebene Vorschrift 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. Bescheinigt hiermit, dass, wenn in Feld 12 nichts anderes festgelegt ist, die in Feld 11 aufgeführte und in Feld 12 beschriebene Arbeit in Übereinstimmung mit Teil-145 durchgeführt wurde und dass der Artikel im Hinblick auf diese Arbeit für die Erteilung einer Freigabe geeignet ist.		
13b. Authorised Signature Rechtsgültige Unterschrift 		13c. Approval/Authorisation Number Nr. der Genehmigung DE.21G.0008		14b. Authorised Signature Rechtsgültige Unterschrift		14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung
13d. Name Name Alois Zirngibl		13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) 21 Nov 2017		14d. Name Name		14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)
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 block 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. VERANTWORTLICHKEITEN DES BENUTZERS/AUSRÜSTERS Diese Bescheinigung verleiht nicht automatisch die Befugnis zum Einbau der Artikel. Führt der Benutzer/Ausrüster Arbeiten in Übereinstimmung mit den Vorschriften einer anderen Luftfahrtbehörde als der in Feld 1 angegebenen Luftfahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde akzeptiert. Angaben in den Feldern 13a und 14a stellen keine Einbaubescheinigung dar. In jedem Fall müssen die Instandhaltungsunterlagen des Luftfahrzeugs eine Einbaubescheinigung enthalten, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster ausgestellt wurde, bevor ein Flug mit dem Luftfahrzeug durchgeführt werden darf.						

Section 3A: Engine Service and Maintenance Log

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

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENTS)

BROUGHT FORWARD

ENGINE MODEL: E4P-C
ENGINE S/N (L): E4P-C-00167
REG. NO. 100DA
WORK ORDER: 8269-01-2019



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

DATE: 2/22/2019
A/C TSN: 92.3
ENG TT (L): 92.3
TACH: 92.3

Left Engine Entries

(3) C/W (DA-62) 100 HR ANNUAL INSPECTION ON LEFT ENGINE IAW DIAMOND 62 M/M CH. 05-20-00 INSPECTION GUIDE AND CH 72-00. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA AND NEW ENGINE OIL FILTER P/N A-640-180-01-09. REPLACED FUEL FILTER WITH NEW P/N WK724_3. ENGINE WAS GROUND RUN AND 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: 2/22/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8269-01-2019

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ENGINE MODEL: E4P-C
ENGINE S/N (L): E4P-C-00167
REG. NO. 100DA
WORK ORDER: 8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.6
ENG TT (L): 180.6
TACH: 180.6

Left Engine Entries

(3) C/W (DA-62) 100 HR ANNUAL INSPECTION ON LEFT ENGINE IAW DIAMOND 62 M/M CH. 05-20-00 INSPECTION GUIDE AND CH 72-00. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA AND NEW ENGINE OIL FILTER P/N A-640-180-01-09. REPLACED FUEL FILTER WITH NEW P/N WK724_3. ENGINE WAS GROUND RUN AND LEAK CHECKED GOOD

(16) REMOVED LH TURBO BLAST TUBE FROM TURBO. NO SIGNS OF OIL LEAKING.

INSTALLED BLAST TUBES IAW AUSTRO AMM E4.08.04 CH. 81-00-00

(17) SECURED LH ENGINE FRONT COOLANT LINE FROM CHAFFING AS REQUIRED.

(21) ADJUSTED & TENSIONED SECOND ALTERNATOR V BELT ON THE LH ENGINE IAW DA 62 AMM CH 61-10-00. OPS CHECKED GOOD.

(29) UPDATED ECU ON LH ENGINE TO VERSION VC33.2P.06.23 IAW AE300 WIZARD.

(41) C/W MSB-E4-003 SOFTWARE & HARDWARE VERSIONS OF THE E4 ENGINE SERIES LH ENG.

(43) C/W MSB-E4-002 CONFIGURATION OF THE E4 ENGINE SERIES LH ENGINE.

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

DATE: 2/25/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8793-02-2020

Printed by EBis 3 (datcomedia.com)

7/22/2020

199.2

Updated ECU software to version
VC 33.2P.06.24 IAW MSB 62-002/4

Adam Ondrejka ACP 3531616 Adam F. Ondrejka

THIS PAGE TOTALS

PREVIOUS TOTALS

TOTALS SINCE NEW

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA**ABSOLUTE AERO**

MAINTENANCE

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

ENGINE ENTRY

WORK ORDER: 3098 AIRCRAFT: N100DA TACH: 267.7 TSOH: N/A TTE: 267.7

L/H ENGINE MODEL: Austro E4P-C S/N: E4P-C-00167

DATE: 04/08/2021

Completed Austro MM 05-10-01 300-hour alternator inspection and MM 85-00-10 300-hour fuel injector zonal inspection, no defects noted. Completed all Austro MM 05-20-00 100-hour servicing and fuel filter replacement using kit (P/N: DA42-AE-100KIT) and 300-hour gearbox filter replacement with new (P/N: E4A-70-000-806). Drained and sampled oil. Removed and replaced oil filter with new. Examined old oil filter element, no contaminants found. Serviced engine with 6.5 liters of Aeroshell Diesel Ultra oil. Drained and sampled gearbox oil. Serviced gearbox to fill using new Shell Spirax S6 GXME 75W80 oil. 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 Austro MSB-E4-029 "boost pressure" by adding restrictor with new clamps (1EA P/N: AEP-00361, 4EA P/N: E4A-41-300-803) in accordance with WI-MSB-E4-029. Verified Austro MSB-E4-028/3 "oil return pipe" and MSB-E4-030 "oil pump" are both N/A by engine serial number. C/W AD 2020-22-14 "failure of the waste gate control rod" by verification that waste gate fail safe bridge and improved circlip installed at production. C/W AD 2020-15-05 "Failure of the timing chain", verified AFM supplement implemented at production. No further action required. C/W AD 2020-14-07 "failure of the timing chain and fuel injectors", verified no windmilling restarts have been performed. If the engine experiences a windmilling restart, timing chain replacement is due before TTE: 900.0 or within 100 flight hours, whichever occurs later. Fuel injector replacement due TTE: 900.0. Verified AD's current through FAA AD biweekly 2021-07. All work completed in accordance with the Diamond DA 62 and Austro E4 Maintenance Manuals. -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-C
ENGINE S/N (L):
E4P-C-00167
REG. NO: N100DA
WORK ORDER: 4047

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 8/4/2021
A/C TSN: 373.5
ENG TT (L): 373.5
TSMOH (L):
TACH: 373.5

Left Engine Entries

Drained both engine oil, inspected oil filters and inspected, no metal found. Serviced engines with 7qts each aeroshell diesel ultra oil and installed new oil filter E4A-52-000-KIT1. Performed engine run and leak check. No leaks noted.... Performed LH and RH engine induction filter cleaning with no defects noted at this time.... Replaced LH and RH engine fuel filters with new PN: WK724_3 (X2), using Diamond DA62 AMM Ch 28 as a guide. Operation/leak check good.... Replaced LH engine fire sensor mount bracket PN:D64-2610-11-01 due to crack Using Diamond DA62 AMM Ch.26 as a guide. Operational check good.... Cleaned LH and RH engine compartments, performed engine run up with no excessive coolant leaks noted at this time.

Technicians Who Worked On The Items Listed Above:

Aaron Damsell, Andres Almazan-Uristegui, Michael Moreno, Richard Formica

DATE: 8/4/2021

SIGNED:

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4047

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ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C-00167
REG. NO: N100DA
WORK ORDER: 4127

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 11/12/2021
A/C TSN: 475
ENG TT (L): 475
TSMOH (L):
TACH: 475

Left Engine Entries

(Tach:0475.0) Drained RH and LH engine oil, Cut old filters open and inspected, no metal found. Filled engine with 7Ls Aeroshell diesel engine oil and installed new oil filters with orings. Performed engine run and leak check. No leaks noted.... Replaced RH and LH engine fuel filters PN: WK724_3 for 100 hour service using Diamond DA62 AMM chapter 28 as a guide. Operation/leak check good.... Removed injector cover, inspected and flushed oil separator and overboard vent tube due to excessive oil venting overboard using Austro EMM E4.08.04 Chapter 79 as a guide.... Performed RH and LH engine coolant pressure relief valve test and leak test due to excessive coolant leaking out using Diamond DA62 AMM chapter 75 as a guide.

Technicians Who Worked On The Items Listed Above:

Aaron Damsell, Jon Shea, Michael Moreno

DATE: 11/12/2021

SIGNED:

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4127

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Section 3A: Engine Service and Maintenance Log

Tach: 494.1 N100DA 12/15/21
Engine failed run-up. Removed Prop governor
top cap and cleaned antifreeze out. Installed
cap. Cleaned pressure relief valve and safety.
Serviced coolant level and safety. Run-up leak
and ops check good. I certify this aircraft for return
to service with respect to work performed.
R.Strong AP3301556

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

ENGINE MODEL: E4P-C **Aero City Maintenance**
ENGINE S/N (L):
E4P-C-00167 2901 East Spring St. Suite A
REG. NO: N100DA Long Beach, CA 90806
WORK ORDER: 4207 Phone: 562-912-4263

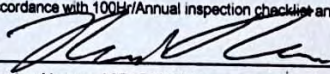
DATE: 4/29/2022
A/C TSN: 554.9
ENG TT (L): 554.9
TSMOH (L):
TACH: 554.9

Left Engine Entries

Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.... All applicable
Airworthiness Directives have been researched through bi-weekly issue 2022-08... Performed 300/600 HR inspection on the LH engine using Austro
E4 08 04 AMM chapter 5 as a guide. Replaced LH dual mass flywheel PN: E4B-73-000-000-KIT, SN: 05799, hub SN: 05792 (Old SN: 02324) and LH high
pressure fuel pump PN: E4A-30-000-000 SN: 11-07-21-03-00467 (Old LH SN: 12-04-12-03-00102) due to time limited parts using Austro E4 08 04 MM Ch.
76 & 85 as guides. Operation/leak check good. Next replacement due @ Tach: 1154.9.... Performed Mt-Prop SL71 R3 adjustment on LH prop governor
due to engine not getting full power, using MT Propeller SL71 R3 as a guide. Operation/leak check good.... Replaced LH engine prop governor oil line PN:
A23684-01 and fitting PN: AN816-6-2 due to oil leak at flare using AMM Ch 61-20 as a guide. Operation/leak check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uristegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 4/29/2022 SIGNED:  Work Order: 4207
Richard Formica, License: A&P 3702089 IA Printed by EBis 3 (datcomedia.com)

Tach: N100DA 1/24/22
Tested and removed L/H prop governer.
Installed new prop governor on L/H engine
PN P-877-16 with new gasket. Run-up leak
and operations check with satisfactory results.
I certify this aircraft for return to service with
respect to work performed. R.Strong AP3301556

ENGINE MODEL: E4P-C **Aero City Maintenance**
ENGINE S/N (L):
E4P-C-00167 2901 East Spring St. Suite A
REG. NO: N100DA Long Beach, CA 90806
WORK ORDER: 4238 Phone: 562-912-4263

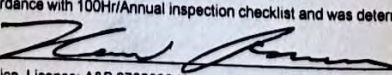
DATE: 11/10/2022
A/C TSN: 654.7
ENG TT (L): 654.7
TSMOH (L):
TACH: 654.7

Left Engine Entries

Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil
drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit p/n E4A-52-000-KIT.... All
applicable Airworthiness Directives have been researched through bi-weekly issue 2022-22.... Adjusted LH engine waste gate controller rod as required
due to engine max power differential using Austro E4 Series Engines MM Ch 81-20 as a guide. Operational/leak check good.... Replaced LH engine water
pump PN: E4A-60-100-000 due to coolant leak from housing using Austro E4 MM Ch 85 as a guide. Operation/leak check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uristegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 11/10/2022 SIGNED:  Work Order: 4238
Richard Formica, License: A&P 3702089 IA Printed by EBis 3 (datcomedia.com)

THIS PAGE TOTALS					
PREVIOUS TOTALS					
TOTALS SINCE NEW					

ENGINE MODEL: E4P-C
ENGINE S/N (L):
E4P-C-00167
REG. NO: N100DA
WORK ORDER: 4356

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 12/21/2022
A/C TSN: 673.1
ENG TT (L): 673.1
TSMOH (L):
TACH: 673.1

ENCE:

E or
JACA

Left Engine Entries

Updated LH Engine ECU software to the latest revision E4FCT_00_VC33_2P_07_25 as required. Operation check good. ... Performed MT-Prop SI-54 adjustment of the LH prop governor due to engine not getting full power using MT-Prop SI-54 Work Procedure as a guide. Operation/leak check good.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uriostegui

DATE: 12/21/2022

SIGNED:

Richard Formica, License: A&P 3702089 IA

Work Order: 4356

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MAKE: Diamond
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
ENGINE MAKE - L: AUSTR0



Aero City Maintenance

2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4461
DATE: 06-07-2023
A/C Tach: 758.4
TSMOH:
ENG TT - L: 758.4

Engine - L Entries

Complied with 100Hr inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit p/n E4A-52-000-KIT.

All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-11

Replaced LH engine coolant tank pressure relief valve due to it leaking using Diamond DA62 AMM Ch. 75 as a guide. Operation/leak checked good.

Replaced LH engine drain plug seal and serviced GB as required using Austro Engines E4 Series Engines AMM Ch. 85 as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100 Hour inspection was determined to be in airworthy condition.

DATE: 06-07-2023

SIGNED:

Andres Almazan-Uriostegui
Cert.: AP 4257382

WORK ORDER: 4461

Printed by EBIS (EBISCloud.com)

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
SN - L: E4P-C-00167



Aero City Maintenance

2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4570
DATE: 12-15-2023
A/C Tach: 813.4
ENG TT - L: 813.4

LEFT ENGINE Entries

• Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit PN: E4A-52-000-KIT.

• All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-25

• Performed LH/GH gearbox oil inspection as required per 100hr check list, no defects noted at this time. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 12-15-2023

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4570

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MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO: N100DA
SN - L: E4P-C-00167



Aero City Maintenance

2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4651
DATE: 09-06-2024
A/C Tach: 891.4
ENG TT - L: 891.4

LEFT ENGINE Entries

• Complied with 100Hr/annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit PN: E4A-52-000-KIT.

• All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-16

• Performed LH engine 300 hour servicing of gearbox oil and filter and inspections using Austro E4.08.04R31 MM chapter 5 as a guide. Operation/leak check good.

• Complied with AD2020-14-07 par (g)(4) by Replacement of LH engine timing chain/gear PN: E4A-75-100-000 and fuel injectors (x4) PN: E4A-00-350-000 for 900 hour interval using Austro E4.08.04R31 MM chapter 73 & 85 as a guide. Operation/leak check good.

Next due: Tach: 1791.4 (engine TBO)

NEW IQA CODES: 1: 5GRMY5 2: 8F8D71 3: 8HP1AS 4: 5XYKYS

• Replaced LH engine flywheel PN: E4PB-73-000-000-KIT SN: 08861 (old SN: 05799) due to failed inspection using Austro E4.08.04R31 MM as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 09-06-2024

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4651

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AIRCRAFT TECHNICAL RECORD

Section 3. ENGINE LOG

ENGINE DATA

- | | |
|---------------------------------|---------------------------|
| 1. Make | <u>Austro Engine GmbH</u> |
| 2. Model | <u>E4P-C</u> |
| 3. Specification | <u>E 000 81 EN</u> |
| 4. Manufacturer's Serial Number | <u>E4P-C-001168</u> |
| 5. Date of Manufacture | <u>April 2018</u> |
| 6. Aircraft Inspection Cycle | <u></u> |



Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)



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

Registration: N100DA
Airframe Total Time: 31.6
Engine RH SN: E4P-C-00168

AC Serial Number: 62.078
Work Order: SO 071908
Engine RH TT: 31.6

- Engine E4P, S/N: E4P-C-00168, installed on Aircraft DA 62 S/N: 62.078, RIGHT
- Total Time Engine brought forward: 31.6 hrs
- EECU software installed: VC33_2P_05_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 2018-15
- 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

ACA



Date: JUL 27 2018

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TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat Luftfahrt-Bundesamt / Germany		AUTHORISED RELEASE CERTIFICATE EASA FORM 1 Freigabebescheinigung EASA-Formblatt 1			3. Form Tracking Number Lfd. Nummer 3382/17		
4. Organisation Name and Address: Name und Anschrift des Unternehmens		MT-Propeller Entwicklung GmbH Airport Straubing-Wallmühle 94348 Atting - Germany			5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung 2010018443		
6. Item Pos.	7. Description Beschreibung	8. Part No. Teile-Nr.	9. Qty. Menge	10. Serial No. Werk-Nr.	11. Status/Work Status/Arbeiten		
1	Accumulator	P-893-3	1	17A158	"NEW"		
12. Remarks Bemerkungen New Part(s) Year of construction: 2017 TSN: 00:00 hrs.							
13a. Certifies that the items identified above were manufactured in conformity to: Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit: ☒ approved design data and are in a condition for safe operation genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden ☐ non-approved design data specified in block 12 nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 12				14a. ☐ Part-145 A.50 Release to Service Teil-145 A.50 Freigabe ☐ Other Regulation specified in block 12 Andere in Feld 12 angegebene Vorschrift 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. Bescheinigt hiermit, dass, wenn in Feld 12 nichts anderes festgelegt ist, die in Feld 11 aufgeführte und in Feld 12 beschriebene Arbeit in Übereinstimmung mit Teil-145 durchgeführt wurde und dass der Artikel im Hinblick auf diese Arbeit für die Erteilung einer Freigabe geeignet ist.			
13b. Authorised Signature Rechtsgültige Unterschrift 		13c. Approval/Authorisation Number Nr. der Genehmigung DE.21G.0008		14b. Authorised Signature Rechtsgültige Unterschrift		14c. Certificate/Approval Ref. No. Nr. der Genehmigung / Zulassung	
13d. Name Name Alois Zirngibl		13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) 21 Nov 2017		14d. Name Name		14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)	
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 block 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. VERANTWORTLICHKEITEN DES BENUTZERS/AUSRÜSTERS Diese Bescheinigung verleiht nicht automatisch die Befugnis zum Einbau der Artikel. Führt der Benutzer/Ausrüster Arbeiten in Übereinstimmung mit den Vorschriften einer anderen Luftfahrtbehörde als der in Feld 1 angegebenen Luftfahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde akzeptiert. Angaben in den Feldern 13a und 14a stellen keine Einbaubescheinigung dar. In jedem Fall müssen die Instandhaltungsunterlagen des Luftfahrzeugs eine Einbaubescheinigung enthalten, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster ausgestellt wurde, bevor ein Flug mit dem Luftfahrzeug durchgeführt werden darf.							

Section 3A: Engine Service and Maintenance Log

DATE / /	TIME RUN		TIME SINCE OVERHAUL		CYCLES	
	HOURS	min	HOURS	min	Sub Total	TOTAL
BROUGHT FORWARD						

DESCRIPTION OF WORK PERFORMED
(INSPECTION, REPAIRS, REPLACEMENT)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00188
REG. NO: 100DA
WORK ORDER:
8269-01-2019



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

DATE: 2/22/2019
A/C TSN: 92.3
ENG TT (R): 92.3
TACH: 92.3

Right Engine Entries

(4) C/W (DA-62) 100 HR ANNUAL INSPECTION ON RIGHT ENGINE IAW DIAMOND 62 MM CH. 05-20-00 INSPECTION GUIDE AND CH.72-00. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA AND NEW ENGINE OIL FILTER P/N A-640-180-01-09. REPLACED FUEL FILTER WITH NEW P/N WK724_3. ENGINE WAS GROUND RUN AND 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: 2/22/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8269-01-2019

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ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00188
REG. NO: 100DA
WORK ORDER:
8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.6
ENG TT (R): 180.6
TACH: 180.6

Right Engine Entries

(4) C/W (DA-62) 100 HR ANNUAL INSPECTION ON RIGHT ENGINE IAW DIAMOND 62 MM CH. 05-20-00 INSPECTION GUIDE AND CH.72-00. SERVICED ENGINE WITH 7 LITERS OF AEROSHELL DIESEL ULTRA AND NEW ENGINE OIL FILTER P/N A-640-180-01-09. REPLACED FUEL FILTER WITH NEW P/N WK724_3. ENGINE WAS GROUND RUN AND LEAK CHECKED GOOD

(14) REMOVED & REPLACED RH ENGINE HIGH PRESS FUEL PUMP MOUNT O-RING TORQUED AND SECURED HPP BANJO FITTING IAW: AUSTRO MM E4.08.04 CH. 73-00-40.

(30) UPDATED ECU ON RH ENGINE TO VERSION VC33.2P.06.23 IAW AE300 WIZARD.

(42) C/W MSB-E4-003 SOFTWARE & HARDWARE VERSIONS OF THE E4 ENGINE SERIES RH ENG.

(44) C/W MSB-E4-002 CONFIGURATION OF THE E4 ENGINE SERIES RH ENGINE.

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

DATE: 2/25/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8793-02-2020

Printed by EBis 3 (datamedia.com)

7/22/2020

199

2

Updated ECU software to version

VC33.2P.06.24 IAW MSB 62-002/4

Adam Ondrejka

A-P 3531616

Adam Ondrejka

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TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA**ABSOLUTE AERO**

MAINTENANCE

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

ENGINE ENTRY

WORK ORDER: 3098 AIRCRAFT: N100DA TACH: 267.7 TSOH: N/A TTE: 267.7

R/H ENGINE MODEL: Austro E4P-C S/N: E4P-C-00168

DATE: 04/08/2021

Completed Austro MM 05-10-01 300-hour alternator inspection and MM 85-00-10 300-hour fuel injector zonal inspection, no defects noted. Completed all Austro MM 05-20-00 100-hour servicing and fuel filter replacement using kit (P/N: DA42-AE-100KIT) and 300-hour gearbox filter replacement with new (P/N: E4A-70-000-806). Drained and sampled oil. Removed and replaced oil filter with new. Examined old oil filter element, no contaminants found. Serviced engine with 6.5 liters of Aeroshell Diesel Ultra oil. Drained and sampled gearbox oil. Serviced gearbox to fill using new Shell Spirax S6 GXME 75W80 oil. 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 Austro MSB-E4-029 "boost pressure" by adding restrictor with new clamps (1EA P/N: AEP-00361, 4EA P/N: E4A-41-300-803) in accordance with WI-MSB-E4-029. Verified Austro MSB-E4-028/3 "oil return pipe" and MSB-E4-030 "oil pump" are both N/A by engine serial number. C/W AD 2020-22-14 "failure of the waste gate control rod" by verification that waste gate fail safe bridge and improved circlip installed at production. C/W AD 2020-15-05 "failure of the timing chain", verified AFM supplement implemented at production. No further action required. C/W AD 2020-14-07 "Failure of the timing chain and fuel injectors", verified no windmilling restarts have been performed. If the engine experiences a windmilling restart, timing chain replacement is due before TTE: 900.0 or within 100 flight hours, whichever occurs later. Fuel injector replacement due TTE: 900.0. Verified AD's current through FAA AD biweekly 2021-07. All work completed in accordance with the Diamond DA 62 and Austro E4 Maintenance Manuals. -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-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4047

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 8/4/2021
A/C TSN: 373.5
ENG TT (R): 373.5
TSMOH (R):
TACH: 373.5

Right Engine Entries

Drained both engine oil, inspected oil filters and inspected, no metal found. Serviced engines with 7qts each aeroshell diesel ultra oil and installed new oil filter E4A-52-000-KIT1. Performed engine run and leak check. No leaks noted.... Performed LH and RH engine induction filter cleaning with no defects noted at this time.... Replaced LH and RH engine fuel filters with new PN: WK724_3 (X2), using Diamond DA62 AMM Ch.28 as a guide. Operation/leak check good.... Cleaned LH and RH engine compartments, performed engine run up with no excessive coolant leaks noted at this time.... Cleaned RH HPP, performed engine run up with no excessive oil leaks noted at this time.

Technicians Who Worked On The Items Listed Above:
Aaron Damsell, Andres Almazan-Uristegui, Michael Moreno, Richard Formica

DATE: 8/4/2021

SIGNED:

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4047

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4127

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 11/12/2021
A/C TSN: 475
ENG TT (R): 475
TSMOH (R):
TACH: 475

Right Engine Entries

(Tach:0475.0) Drained RH and LH engine oil, Cut old filters open and inspected, no metal found. Filled engine with 7Ls Aeroshell diesel engine oil and installed new oil filters with orings. Performed engine run and leak check. No leaks noted.... Replaced RH and LH engine fuel filters PN: WK724_3 for 100 hour service using Diamond DA62 AMM chapter 28 as a guide. Operation/leak check good.... Performed RH and LH engine coolant pressure relief valve test and leak test due to excessive coolant leaking out using Diamond DA62 AMM chapter 75 as a guide.

Technicians Who Worked On The Items Listed Above:
Aaron Damsell, Jon Shea, Michael Moreno

DATE: 11/12/2021

SIGNED:

Ysmael Galera, License: A&P 3587770 IA

Work Order: 4127

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4207

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 4/29/2022
A/C TSN: 554.9
ENG TT (R): 554.9
TSMOH (R):
TACH: 554.9

Right Engine Entries

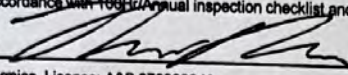
Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.... All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-08... Performed 300/600 HR inspection on the RH engine using Austro E4.08.04 AMM chapter 5 as a guide. Replaced RH dual mass flywheel PN: E4B-73-000-000-KIT, SN: 05792, hub SN: 05792 (Old SN: 02370) and RH high pressure fuel pump PN: E4A-30-000-000 SN: 12-04-02-03-00188 (OLD SN: 12-01-11-03-01515) due to time limited parts using Austro E4.08.04 MM Ch. 76 & 85 as guides. Operation/leak check good. Next replacement due @ Tach: 1154.9.... Replaced RH engine coolant pressure relief valve PN: x11-0014-00-00.00 and performed pressure test using Diamond DA62 AMM Ch. 75 as a guide. Operation/leak check good.... Replaced RH engine alternator PN: E4A-91-400-000 SN: 03865 (old SN: 01472) due to failed 600hr inspection using Austro E4 MM Ch. 24 as a guide. Operation check good.

Technicians Who Worked On The Items Listed Above:

Andres Almazan-Uriostegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 4/29/2022

SIGNED: 

Richard Formica, License: A&P 3702089 IA

Work Order: 4207

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4238

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 11/10/2022
A/C TSN: 654.7
ENG TT (R): 654.7
TSMOH (R):
TACH: 654.7

Right Engine Entries

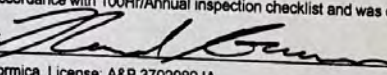
Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit p/n E4A-52-000-KIT.... All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-22.

Technicians Who Worked On The Items Listed Above:

Andres Almazan-Uriostegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 11/10/2022

SIGNED: 

Richard Formica, License: A&P 3702089 IA

Work Order: 4238

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4356

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 12/21/2022
A/C TSN: 673.1
ENG TT (R): 673.1
TSMOH (R):
TACH: 673.1

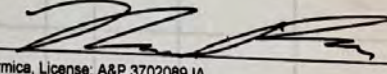
Right Engine Entries

Updated RH Engine ECU software to the latest revision E4FCT_00_VC33_2P_07_25 as required. Operation check good.... Performed Mt-Prop SL71 R3 adjustment on RH prop governor due internal faults in engine data, using MT Propeller SL71 R3 as a guide. Operation/leak check good.

Technicians Who Worked On The Items Listed Above:

Andres Almazan-Uriostegui

DATE: 12/21/2022

SIGNED: 

Richard Formica, License: A&P 3702089 IA

Work Order: 4356

Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: E4P-C
ENGINE S/N (R):
E4P-C-00168
REG. NO: N100DA
WORK ORDER: 4442

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 5/5/2023
A/C TSN: 734.4
ENG TT (R): 734.4
TSMOH (R):
TACH: 734.4

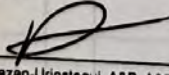
Right Engine Entries

Downloaded RH engine data and checked faults, visually inspected engine for obvious issues, Checked prop governor and checked gearbox oil for metal, none found. Gearbox oil sample taken and sent to Jetlabs.... Performed multiple engine ground runs and serviced gearbox oil again. Operation check good no defects noted. Test flight reported no issues. Work accomplished using Austro E4.08.04 MM as a guide.

Technicians Who Worked On The Items Listed Above:

Andres Almazan-Uriostegui

DATE: 5/5/2023

SIGNED: 

Andres Almazan-Uriostegui, A&P: A&P 4257382

Work Order: 4442

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THIS PAGE
TOTALS

PREVIOUS
TOTALS

TOTALS
SINCE NEW

CARRY FORWARD to Top of Next Page

MAKE: Diamond
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4461
DATE: 06-07-2023
A/C Tach: 758.4
TSMOH - R:
ENG TT - R: 758.4

ENCE:

IE or
D/ACA

Engine - R Entries

Complied with 100Hr inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit p/n E4A-52-000-KIT.

All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-11

Replaced RH engine coolant tank pressure relief valve due to it leaking using Diamond DA62 AMM Ch. 75 as a guide. Operation/leak checked good.

I certify that this Aircraft has been inspected in accordance with 100 Hour inspection was determined to be in airworthy condition.

DATE: 06-07-2023

SIGNED:

Andres Almazan-Uriostegul
Cert.: AP 4257382

WORK ORDER: 4461

Printed by EBIS (EBISCloud.com)

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
SN - R: E4P-C-00168



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4570
DATE: 12-15-2023
A/C Tach: 813.4
ENG TT - R: 813.4

RIGHT ENGINE Entries

- Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit PN: E4A-52-000-KIT.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-25
- Performed LH/GH gearbox oil inspection as required per 100hr check list, no defects noted at this time. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 12-15-2023

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4570

Printed by EBIS (EBISCloud.com)

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO: N100DA
SN - R: E4P-C-00168



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4651
DATE: 09-06-2024
A/C Tach: 891.4
ENG TT - R: 891.4

RIGHT ENGINE Entries

- Complied with 100Hr/annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide. Engine oil drained, oil filter removed and inspected with no defects noted. service engine oil with Shell Diesel Ultra and 100hr service kit PN: E4A-52-000-KIT.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-16
- Performed RH engine 300 hour servicing of gearbox oil and filter and inspections using Austro E4.08.04R31 MM chapter 5 as a guide. Operation/leak check good.
- Complied with AD2020-14-07 par (g)(4) by Replacement of RH engine timing chain/gear PN: E4A-75-100-000 and fuel injectors (x4) PN: E4A-00-350-000 for 900 hour interval using Austro E4.08.04R31 MM chapter 73 & 85 as a guide. Operation/leak check good. Next due tach: 1791.4 (engine TBO)
NEW IQA CODES: 1: 5ZRD21 2: AARK75 3: 8G1D7W 4: 7PHPA5
- Replaced RH engine flywheel PN: E4PB-73-000-000-KIT SN: 08871 (old SN: 05792) due to failed inspection using Austro E4.08.04R31 MM as a guide. Operation/leak check good.
- Replaced RH gearbox PN: E4A-70-000-000 SN: 6361 (old SN: 2605) due to recall by Austro support based on oil analysis using Austro E4.08.04 R31 MM Chapter 85-10-00 as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 09-06-2024

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

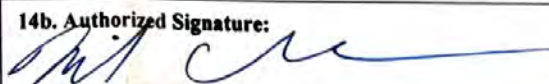
WORK ORDER: 4651

Printed by EBIS (EBISCloud.com)

AIRCRAFT

TECHNICAL RECORD

Section 4. PROPELLER LOG

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: B634E64E00304EA5BD	
4. Organization Name and Address:		 Ameritech Industries dba American Propeller Service 20208 Charianne Drive Redding, CA 96002 USA				5. Work Order/Contract/Invoice Number: 28404-06-2024	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	MT-Propeller propeller	Prop: MT-Propeller propeller Hub: MTV-6-R-C-F Blade: CF194-80	1	Blade: AJA-69020, AJA-69021, AJA-69022 Hub: 180264	OVERHAULED		
12. Remarks: Overhauled as per Service Manual E-220 Rev. 70, E-1290 Rev. 48 and Standard Practices Manual E-808 Rev. 14. Complied with Service Bulletin 01R8.							
13a. Certifies 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. ☒ 14 CFR 43.9 Return 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate NO3R717L	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Mike Crowell		14e. Date (dd/mm/yyyy): 31 jul 2024	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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.							

PROPELLER LOG

1. Make MT-Propeller Entwicklung GmbH
2. Model MTV-b-R-C-F/CF194-80
3. Specification Number P19NE
4. Date of Manufacture 2018, April
5. Hub Serial Number 180264
6. Blades
 - (a) Design No. CF 194-80
 - (b) Blade Serial Numbers:
 - (1) AJA-69020
 - (2) AJA-69021
 - (3) AJA-69022
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High -
 - (3) Low 11°
 - (4) ~~Reverse~~ FEATHER 80°

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
BROUGHT FORWARD				

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS



DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 181-93

Registration:
Airframe Total Time
Prop LH SN:

N100DA
31.6
180264

AC Serial Number:
Work Order:
Prop LH TT:

62 078
SO 071908
31.6

- Propeller MTV-8-R-C-F/CF 194-80, S/N: 180264, installed on Aircraft DA 62 S/N: 62.078, LEFT
- Total Time Prop brought forward: 31.6 hrs
- Prop 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 2018-15
- Next overhaul due at 2400 hrs OR June, 2024 whichever occurs first
- Next inspection due: 100 hr inspection

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

ACA



Date: JUL 27 2018

PROP MODEL (L):
MTV-8-R-C-F/CF194-80
PROP S/N (L): 180264
REG NO: 100DA
WORK ORDER:
8269-01-2019



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

DATE: 2/22/2019
A/C TSN: 92.3
PROP TT (L): 92.3
TACH: 92.3

Left Prop Entries

(5) C/W ANNUAL INSPECTION ON THIS L/H PROPELLER IAW 14 CFR PART 43, APPENDIX "D" USING MT PROPELLER ATA 61-01-24 (E-124) MM INSPECTION GUIDE. ADs CHECKED THROUGH CURRENT ON ATP.

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

DATE: 2/22/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8269-01-2019

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PROP MODEL (L):
MTV-8-R-C-F/CF194-80
PROP S/N (L): 180264
REG NO: 100DA
WORK ORDER:
8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.6
PROP TT (L): 180.6
TACH: 180.6

Left Prop Entries

(5) C/W ANNUAL INSPECTION ON THIS L/H PROPELLER IAW 14 CFR PART 43, APPENDIX "D" USING MT PROPELLER ATA 61-01-24 (E-124) MM INSPECTION GUIDE. ADs CHECKED THROUGH CURRENT ON ATP.

THIS PAGE
TOTAL

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

DATE: 2/25/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8793-02-2020

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PREVIOUS
BROUGHT FO

TOTAL
SINCE

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA
ABSOLUTE AERO
 MAINTENANCE

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

PROPELLER ENTRY

 WORK ORDER: 3098 AIRCRAFT: N100DA TACH: 267.7 TSOH: N/A TTP: 267.7
 L/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180264

DATE: 04/08/2021

Filled and painted blade face nicks. Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2021-07. All work completed in accordance with the Diamond DA 62 Maintenance Manual and MT Propeller Operation and Installation Manual E-124. -END

I certify that this propeller 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

 PROP MODEL (L):
 MTV-6-R-C-F/CF194-80
 PROP S/N (L): 180264
 REG NO: N100DA
 WORK ORDER: 4207

Aero City Maintenance

 2901 East Spring St. Suite A
 Long Beach, CA 90806
 Phone: 562-912-4263

 DATE: 4/29/2022
 A/C TSN: 554.9
 PROP TT (L): 554.9
 TSPOM (L):
 TACH: 554.9

Left Prop Entries

 Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide
 All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-08

 Technicians Who Worked On The Items Listed Above:
 Andres Almazan-Urtegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 4/29/2022

SIGNED:

 Richard Formica, License: A&P 3702089 IA

Work Order: 4207

Printed by EBis 3 (datamedia.com)

 Tach: N100DA 1/24/22
 Tested and removed L/H prop governor.
 Installed new prop governor on L/H engine.
 P/N P-877-16 with new gasket. Run-up leak
 I certify this aircraft for return to service with
 respect to work performed. R.Strong AP3301556

 PROP MODEL (L):
 MTV-6-R-C-F/CF194-80
 PROP S/N (L): 180264
 REG NO: N100DA
 WORK ORDER: 4238

Aero City Maintenance

 2901 East Spring St. Suite A
 Long Beach, CA 90806
 Phone: 562-912-4263

 DATE: 11/10/2022
 A/C TSN: 654.7
 PROP TT (L): 654.7
 TSPOM (L):
 TACH: 654.7

Left Prop Entries

 Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide... All applicable
 Airworthiness Directives have been researched through bi-weekly issue 2022-22.

 Technicians Who Worked On The Items Listed Above:
 Andres Almazan-Urtegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 11/10/2022

SIGNED:

 Richard Formica, License: A&P 3702089 IA

Work Order: 4238

Printed by EBis 3 (datamedia.com)

Se

MAKE: Diamond
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
PROP MAKE - L: MT PROP
PROP MODEL - L: MTV-6-R-C-
F/CF194-80



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90808

W/O #: 4461
DATE: 06-07-2023
A/C Tach: 758.4
Prop TSPH - L:
Prop TT - L: 758.4

Prop - L Entries

Complied with 100Hr inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-11

I certify that this Aircraft has been inspected in accordance with 100 Hour inspection was determined to be in airworthy condition.

DATE: 06-07-2023

SIGNED:

Andres Almazan-Urriostegui
Cert.: AP 4257382

WORK ORDER: 4461
Printed by EBIS (EBISCloud.com)

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
MODEL - L: MTV-6-R-C-
F/CF194-80
PROP 1 SN: 180264



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90808

W/O #: 4570
DATE: 12-15-2023
A/C Tach: 813.4
Prop TT - L: 813.4

LEFT PROP Entries

- Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-25

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 12-15-2023

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4570
Printed by EBIS (EBISCloud.com)

07-31-2024

0 0



AMERITECH INDUSTRIES DBA
AMERICAN PROPELLER SERVICE
REPAIR STATION No. NO3R717L
20208 CHARLANNE DRIVE
REDDING, CA 96002 USA

WORK ACCOMPLISHED

Overhauled

MODEL NO. MTV-6-R-C-F

SERIAL NO. 180264

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED
AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION
REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

REPAIR ORDER # 28404-06-2024

DATED: 07-31-2024

SIGNED

(AUTHORIZED INDIVIDUAL)

FORM LB01

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TOTAL

PREVIOUS TOTAL
BROUGHT FORWARD

TOTAL
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CARRY FORWARD to Top of Next Page

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO: N100DA
MODEL - L: MTV-6-R-C-
F/CF194-80
PROP 1 SN: 180264



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4651
DATE: 09-06-2024
A/C Tach: 891.4
TSPOH - L: 0.1
Prop TT - L: 891.4

LICENCE:
AME or
AMO/ACA

LEFT PROP Entries

- Complied with 100Hr/annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-16
- Removed and installed LH propeller for overhaul using Diamond DA62 AMM Ch. 61-10 as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 09-06-2024

SIGNED:

Jonathan Shea
Cert.: AP 3823821 IA

WORK ORDER: 4651

Printed by EBIS (EBISCloud.com)

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 63B7DF16506B4DAA9C	
4. Organization Name and Address:		 Ameritech Industries dba American Propeller Service 20208 Charianne Drive Redding, CA 96002 USA				5. Work Order/Contract/Invoice Number: 28405-06-2024	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
1	MT-Propeller propeller	Prop: MT-Propeller propeller Hub: MTV-6-R-C-F Blade: CF194-80	1	Blade: AJA-69023, AJA-69024, AJA-69025 Hub: 180265			
12. Remarks: Overhauled as per Service Manual E-220 Rev. 70, E-1290 Rev. 48 and Standard Practices Manual E-808 Rev. 14. Complied with Service Bulletin 01R8.							
13a. Certifies 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. ☒ 14 CFR 43.9 Return 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		14c. Approval/Certificate	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Mike Crowell		14e. Date (dd/mm/yyyy): 31 jul 2024	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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.							

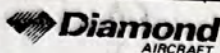
PROPELLER LOG

1. Make MT-Propeller Entwicklung GmbH
2. Model MTV-6-R-C-F/CF194-80
3. Specification Number PI9NE
4. Date of Manufacture April 2018
5. Hub Serial Number 180 265
6. Blades
 - (a) Design No. CF 194-80
 - (b) Blade Serial Numbers:
 - (1) AJA-69023
 - (2) AJA-69024
 - (3) AJA-69025
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High /
 - (3) Low 11°
 - (4) Reverse FEATHER 80°

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
BROUGHT FORWARD				

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, WORK



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

Registration: N100DA
Airframe Total Time: 31.6
Prop RH SN: 180265

AC Serial Number: 62078
Work Order: SO 071908
Prop RH TT: 31.6

- Propeller MTV-6-R-C-F/CF 194-80, S/N: 180265, installed on Aircraft DA 62 S/N: 62078, RIGHT
- Total Time Prop brought forward: 31.6 hrs
- Prop 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 2018-15
- Next overhaul due at 2400 hrs OR June, 2024 whichever occurs first
- Next inspection due: 100 hr inspection

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



Date: JUL 27 2018

PROP MODEL (R):
MTV-6-R-C-F/CF194-80
PROP S/N (R): 180265
REG. NO: 100DA
WORK ORDER:
8269-01-2019



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

DATE: 2/22/2018
A/C TSN: 82.3
PROP TT (R): 82.3
TACH: 82.3

Right Prop Entries

(6) CW ANNUAL INSPECTION ON THIS R/H PROPELLER IAW 14 CFR PART 43, APPENDIX "D" USING MT PROPELLER ATA 61-01-24 (E-124) MM INSPECTION GUIDE. ADS CHECKED THROUGH CURRENT ON ATP.

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

DATE: 2/22/2019

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8269-01-2019

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PROP MODEL (R):
MTV-6-R-C-F/CF194-80
PROP S/N (R): 180265
REG. NO: 100DA
WORK ORDER:
8793-02-2020



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

DATE: 2/25/2020
A/C TSN: 180.8
PROP TT (R): 180.8
TACH: 180.8

Right Prop Entries

(6) CW ANNUAL INSPECTION ON THIS R/H PROPELLER IAW 14 CFR PART 43, APPENDIX "D" USING MT PROPELLER ATA 61-01-24 (E-124) MM INSPECTION GUIDE. ADS CHECKED THROUGH CURRENT ON ATP.

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

DATE: 2/25/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8793-02-2020

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA**ABSOLUTE AERO**

MAINTENANCE

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

PROPELLER ENTRY

WORK ORDER: 3098 AIRCRAFT: N100DA TACH: 267.7 TSOH: N/A TTP: 267.7

R/H PROPELLER MODEL: MT MTV-6-R-C-F/CF194-80 S/N: 180265

DATE: 04/08/2021

Filled and painted blade face nicks. Inspected propeller. No defects noted at this time. Verified AD's current through FAA AD biweekly 2021-07. All work completed in accordance with the Diamond DA 62 Maintenance Manual and MT Propeller Operation and Installation Manual E-124. -END

I certify that this propeller 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

PROP MODEL (R):
MTV-6-R-C-F/CF194-80
PROP S/N (R): 180265
REG. NO: N100DA
WORK ORDER: 4207

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 4/29/2022
A/C TSN: 554.9
PROP TT (R): 554.9
TSPOH (R):
TACH: 554.9

Right Prop Entries

Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.

All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-08

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uriostegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 4/29/2022

SIGNED:

Richard Formica, License: A&P 3702089 IA

Work Order: 4207

Printed by EBIS 3 (datcomedia.com)

PROP MODEL (R):
MTV-6-R-C-F/CF194-80
PROP S/N (R): 180265
REG. NO: N100DA
WORK ORDER: 4238

Aero City Maintenance

2901 East Spring St. Suite A
Long Beach, CA 90806
Phone: 562-912-4263

DATE: 11/10/2022
A/C TSN: 654.7
PROP TT (R): 654.7
TSPOH (R):
TACH: 654.7

Right Prop Entries

Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.... All applicable Airworthiness Directives have been researched through bi-weekly issue 2022-22.

Technicians Who Worked On The Items Listed Above:
Andres Almazan-Uriostegui, Andres Guzman, Jon Shea, Michael Moreno, Richard Formica

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 11/10/2022

SIGNED:

Richard Formica, License: A&P 3702089 IA

Work Order: 4238

Printed by EBIS 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.078
REG. NO: N100DA
PROP MODEL - R: MTV-6-R-C-F/CF194-80

**Aero City Maintenance**

2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4461
DATE: 06-07-2023
A/C Tach: 758.4
Prop TSPOH - R:
Prop TT - R: 758.4

Prop - R Entries

Complied with 100Hr inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.

All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-11

I certify that this Aircraft has been inspected in accordance with 100 Hour Inspection was determined to be in airworthy condition.

DATE: 06-07-2023

SIGNED:

Andres Almazan-Uriostegui
Cert: AP 4257382

WORK ORDER: 4461

Printed by EBIS (EBISCloud.com)

Section 4A: Propeller Service and Maintenance Record

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO.: N100DA
MODEL - R: MTV-6-R-C-
F/CF194-80
2 SN: 180265



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4570
DATE: 12-15-2023
A/C Tach: 813.4
Prop TT - R: 813.4

RIGHT PROP Entries

- Complied with 100Hr/Annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2023-25

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 12-15-2023

SIGNED:

Jonathan Shea
Cert: AP 3823821 IA

WORK ORDER: 4570
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07-31-2024

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AMERITECH INDUSTRIES DBA
AMERICAN PROPELLER SERVICE
REPAIR STATION No. N03R717L
20208 CHARLANNE DRIVE
REDDING, CA 96002 USA

WORK ACCOMPLISHED

Overhauled

MODEL NO. MTV-6-R-C-F

SERIAL NO. 180265

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

REPAIR ORDER # 28405-06-2024

DATED: 07-31-2024

SIGNED

Mike Crowell

MIKE CROWELL

(AUTHORIZED INDIVIDUAL)

FORM LB01

MAKE: DIAMOND
MODEL: DA62
S/N: 62.078
REG. NO: N100DA
MODEL - R: MTV-6-R-C-
F/CF194-80
2 SN: 180265



Aero City Maintenance
2901 East Spring St. Suite A
LONG BEACH, California 90806

W/O #: 4651
DATE: 09-06-2024
A/C Tach: 891.4
TSPOH - R: 0.1
Prop TT - R: 891.4

RIGHT PROP Entries

- Complied with 100Hr/annual inspection using Diamond aircraft chapter 5 maintenance manual and FAR part 43 appendix D as a guide.
- All applicable Airworthiness Directives have been researched through bi-weekly issue 2024-16
- Removed and installed LH propeller for overhaul using Diamond DA62 AMM Ch. 61-10 as a guide. Operation/leak check good.

I certify that this Aircraft has been inspected in accordance with 100Hr/Annual inspection checklist and was determined to be in airworthy condition.

DATE: 09-06-2024

SIGNED:

Jonathan Shea
Cert: AP 3823821 IA

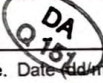
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1. Approving Civil Aviation Authority/Country Transport Canada		2. AUTHORIZED RELEASE CERTIFICATE FORM ONE			3. Form Tracking Number: SI193880
4. Organizations Name and Address: Diamond Aircraft Industries Inc. 1560 Crumlin Sideroad London, Ontario N5V1S2				5. Work Order/Contract/Invoice 3944	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:	
1	Bracket, Fire Sensor	D64-2610-11-01	1	RC2102407 (1)	
11. Status/Work: NEW					
12. Remarks: Customer Reference 3944					
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. ☐ CAR 571.10 Maintenance Release ☐ Other regulations specified in block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12, has been performed in compliance with the <i>Canadian Aviation Regulations</i>		
13b. Signature 		13c. Approval Organization Number  /161-93		14b. Signature 	
13d. Name Derreck Leenders		13e. Date (dd/mmm/yyyy): 30/Jul/2021		14c. Approved Organization Number 	
14d. Name 		14e. Date (dd/mmm/yyyy): 		 	
30 Dec 2008(Previously form 24-0078)					
Installer Responsibilities					
This certificate does not constitute authority to install. Installers working in accordance with the national regulations of a country other than the authority specified in Block 1, must ensure that their regulations recognize certifications from the country specified. Statements 13a or 14a do not constitute installation certification. In all cases, the aircraft technical record must contain an installation certification issued in accordance with the applicable national regulations before the aircraft may be flown.					

N100DA