

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

AIRCRAFT

- | | |
|---|----------|
| 1. Nationality and Registration: | N56TP |
| 2. Manufacturer's designation: | DA 62 |
| 3. Manufacturer's Serial Number: | 62.C100 |
| 4. Type Approval or Specification Number: | A00012NY |
| 5. Date of Manufacture: | 2025 |
| 6. Aircraft Inspections cycle: | |



Section 1: Airframe Log



DIAMOND AIRCRAFT INDUSTRIES INC.
D O I APPROVED MANUFACTURER #161-93

Registration N56TP
AC Serial Number 62 G100
LH Engine Serial Number E4P-C-06599
RH Engine Serial Number E4P-C-06586
LH Prop Serial Number 241926
RH Prop Serial Number 241927
Airframe Total Time: 4.5 HRS

- Total Time Airframe Brought forward from Production Test Flight Journey Log (DAI - Form Q-224) 4.5 HRS

- Compass Swing Performed

- Date MARCH 26 2025
- Next Due: MARCH 2026

FOR	N	30	60	E	120	150
STEER	357	029	059	090	120	150
FOR	S	210	240	W	300	330
STEER	180	210	240	270	298	330

- 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: FEBRUARY 13 2025
- Next Due: FEBRUARY 2027

- Standby Altimeter:

- Factory Test Date: NOVEMBER 12 2024
- Next Due: NOVEMBER 2026

- ATC Transponder & Altitude Reporting System(s) have been tested in accordance with CAR Standard 571, Appendix F and 14 CFR 91.217 & 91.413:

- Test Date: FEBRUARY 13 2025
- Next Due: FEBRUARY 2027
- Programmed Registration: N56TP
- Hex Code: N/A (USA Registration)

- The ELT was tested and inspected in accordance with CAR Standard 571, Appendix G and 14 CFR 91.207(d):

- Manufacturers Inspection: OCTOBER 2024
- Installation Inspected: MARCH 26 2025
- Battery due: AUGUST 2031
- Next ELT inspection due: MARCH 2026
- ELT Programmed:
 - REG: N56TP
 - Hex ID: N/A
 - Country: 366 (USA)
 - 15 Hex ID: ADC6492605586D1

- Garmin G1000 NXi Installation:

- System: 3787.05
- Checklist File: N/A
- Basemap Land 5.21
- SafeTaxi Data: Expires 17-APR-2025
- Terrain Data: 3.00
- Obstacle Data: Expires 17-APR-2025
- Navigation Data: Expires 17-APR-2025
- Apt Directory: Expires 17-APR-2025
- FliteCharts Data: Expires 17-APR-2025
- IFR/VFR charts: Date: 20-MAR-2025

Inspector

MAR 27 2025

date

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DIAMOND AIRCRAFT INDUSTRIES INC.
D.O.T. APPROVED MANUFACTURER #161-93

Registration: N56TP
AC Serial Number: 62 C100
LH Engine Serial Number: E4P-C-06590
RH Engine Serial Number: E4P-C-06586
LH Prop Serial Number: 241926
RH Prop Serial Number: 241927
Airframe Total Time: 4.5 HRS

- Following limitations as per DA 62 AMM Chapter 4.5 (subject to change with revision):

Component	Hours	Years	Next Due:
ECU backup batteries LH/RH	-N/A-	1 yr. +/- 30 days	FEBRUARY 2026
Bonding system and static discharging system.	1000 +/- 50 Hrs.	4 yrs. +/- 60 days	1000 Hrs. or FEBRUARY 2029
Emergency battery package (if MAM 62-002 is NOT installed)	-N/A-	2 yrs. +/- 30 days	N/A; MAM 62-002 Incorporated.

- The following STC's are incorporated:
 - FAA STC No. SA000181B (Berliner wheel and brake system)
- THIS AIRCRAFT WAS INSPECTED FOR CONFORMITY TO APPLICABLE COMPANY RELEASED DOCUMENTS (DRAWINGS, SPECIFICATIONS, CONCESSIONS).
- I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO FAA TYPE CERTIFICATE A00012NY Rev. No. 2, AND IS IN A FIT AND SAFE STATE FOR FLIGHT.
- BI-weekly AWD check carried out to current revision 2025-06 all applicable AD's complied with
- The work described above was carried out in accordance with the applicable Standard of Airworthiness.
- For the latest and most applicable maintenance requirements, please refer to the Diamond Aircraft Maintenance Manual (AMM).



Inspector

MAR 27 2025

date

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U.S. Standard Airworthiness Certificate, issued:

(Date) **MAR 31 2025**, has been installed in the
Aircraft, on behalf of FAA Farmingdale Certificate Management
Section AIR-855 on:

(Date) **MAR 31 2025**

(Print) **R. Solten** (Signature)



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							



Aircraft Reg: N56TP
Work Order: 50075276

Date: April 22, 2025

AMO 161-93

	Make	Model	SN	TSN:	
Airframe	Diamond	DA 62	62 C100	TSN:	6.1 Hrs
LH Engine	Austro	E4P-C	E4P-C-08590	TSN:	6.1 Hrs
RH Engine	Austro	E4P-C	E4P-C-08586	TSN:	6.1 Hrs
LH Prop	MT-Propeller	MTV-6-R-C-FICF194-80	241926	TSN:	6.1 Hrs
RH Prop	MT-Propeller	MTV-6-R-C-FICF194-80	241927	TSN:	6.1 Hrs

The following work was performed:

- G1000 databases updated as required.
- Replaced RH AUX fuel tank low level switch o-ring PN: OR17X3-NBR70.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature: _____

ACA: _____



PAGE TOTALS

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NAME/
SIGNATURELICENCE
AME or
AMO/ACA

AMD 161-93

Aircraft Reg: N56TP
Work Order: S0075395

Date: July 8, 2025

	Make	Model	SN	TSN	13.4 Hrs
Airframe	Diamond	DA 62	62 C100	TSN	13.4 Hrs
LH Engine	Austro	E4P-C	E4P-C-06590	TSN	13.4 Hrs
RH Engine	Austro	E4P-C	E4P-C-06586	TSN	13.4 Hrs
LH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241926	TSN	13.4 Hrs
RH Prop	MT-Propeller	MTV-6-R-C-F/CF194-80	241927	TSN	13.4 Hrs

The following work has been performed:

- G1000 databases updated as required.
- LH Crew door FWD "door open" microswitch adjusted.
- Oxygen bottle & regulator assembly removed for service at this time:
 - Removed assembly PN: 4110-122-3-11, Bottle SN: 12539, Regulator SN: 17424.
 - Oxygen lines capped and stowed as required. Instrument panel placarded "Oxygen Unserviceable".
 - Weight and balance amendment carried out. Reference AFM Ch. 6 amendment dated July 8, 2025 for current aircraft W&B.
- LH engine Piston/Conrod replacement performed at this time:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00084 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WTHA, #2 SN: WTKL, #3 SN: WHFA, #4 SN: WTG2
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSR's & FAA AD's:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- LH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine oil replaced with new. Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant.
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement and engine reinstallation:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check. Found serviceable.
 - LH Turbo charger exhaust studs closest to injector cover replaced. Installed Qty. 2 PN: E4A-41-111-802.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.199 IPS @ 2000 RPM.
- RH engine Piston/Conrod replacement performed at this time:
 - Piston replacement kit PN: E4A-72-300-KIT SN: 00083 installed:
 - Piston PN installed: E4A-72-300-000
 - Piston SN installed: #1 SN: WHUA, #2 SN: WHP3, #3 SN: WTKL, #4 SN: WHGT
 - Piston/Conrod replacement as noted above constitutes terminating action for the following MSR's & FAA AD's:
 - Austro MSB-E4-039/4 IAW Sec. 2.0
 - FAA AD 2025-02-12 IAW Sec. (h)
 - Austro MSB-E4-043/2 IAW Sec. 1.6.2
- RH Engine and propeller removed and reinstalled to facilitate Piston/Conrod replacement.
 - Engine oil replaced with new. Engine serviced with 7 L aeroshell diesel ultra 5W30 oil.
 - Coolant system serviced with 50/50 mix distilled water and Glysantin Protect Plus G48 coolant.
 - Gearbox serviced with Spirax S6 GXME 75W oil.
 - The following engine operational checks and inspections were performed following Piston/Conrod replacement and engine reinstallation:
 - CA-CR angle test, break-in-procedure, power evaluation, compression check, & leak check. Found serviceable.
 - Fuel temperature sensor connector replaced at this time using repair kit PN: E4A-95-R12-000.
 - Propeller dynamic balance carried out at this time. No weight added. Final dynamic balance reading: 0.192 IPS @ 2000 RPM.

An independent inspection has been carried out on the engine controls affected by the work performed.

Signature:

ACA:

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature:

ACA:

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 & REPLACEMENT)



Aircraft Reg: N56TP
Work Order: S0075395

Date: July 10, 2025

AMO 161-93

	Make	Model	SN	TSN
Airframe	Diamond	DA 62	62 C100	14 5 Hrs
LH Engine	Austro	E4P-C	E4P-C-06590	14 5 Hrs
RH Engine	Austro	E4P-C	E4P-C-06586	14 5 Hrs
LH Prop	MT-Propeller	MTV-6-R-C-FICF194-80	241926	14 5 Hrs
RH Prop	MT-Propeller	MTV-6-R-C-FICF194-80	241927	14 5 Hrs

The following work has been performed:

- G1000 databases updated as required.
- Replaced RH aux fuel tank low level switch PN: RFS-12-2-WIP. Aux fuel shutoff tested serviceable, leak check good.
- New oxygen bottle & regulator assembly installed at this time:
 - Installed assembly PN: 4110-122-3-11, SN: 12716 (Cylinder SN: 67068, Regulator SN: 17671).
 - Bottle DOM: 05/25, Next hydrostatic test due: 05/30, Cylinder expiration date: 05/40.
 - Oxygen replenished and leak check performed. Found serviceable.
 - Weight and balance amendment carried out. Reference AFM Ch. 6 amendment dated July 10, 2025 for current aircraft W&B.

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

Signature:

ACA



MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP



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

W/O #: 11134-07-2025
DATE: 07-15-2025
Airframe TT: 21.8
Tach: 21.8

Airframe Entries

2 C/W MSB62-003/9 ENABLED SVT OPTION. UNLOCK CARD P/N 010-00330-54. SVT OPS CHECKED OK.

DATE: 07-15-2025

SIGNED:
Emmanuel Yicobo
CRS: # 9PRR402B

WORK ORDER: 11134-07-2025
Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP



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

W/O #: 11144-07-2025
DATE: 07-22-2025
Airframe TT: 25.8
Tach: 25.8

Airframe Entries

- INSTALLED NEW NOTCH FILTERS P/N: 330-00067-00 ON GIA1 AND GIA2 COMM PORTS IAW DA62 MM SCHEMATIC DRAWING D67-9231-60-03. OPS CHECKED GOOD.
- RE-TORQUED OXYGEN BOTTLE VALVE LINES AND SERVICED SYSTEM WITH O2 IAW DA62 MM CH 35-10. LEAK CHECK GOOD
- REPLACED LH AUX TANK FUEL DRAIN VALVE WITH NEW P/N CAV-180 IAW DA62 MM CH 28-10. LEAK CHECK GOOD

PAGE
TOTALS

DATE: 07-22-2025

SIGNED:
Emmanuel Yicobo
CRS: # 9PRR402B

WORK ORDER: 11144-07-2025
Printed by EBIS (EBISCloud.com)

MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: N56TP



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

W/O #: 11163-07-2025
DATE: 06-05-2025
Airframe TT: 45.0
Tach: 45.0

LICENCE:
AMEor
AMO/ACA

Airframe Entries

- 2 REMOVED GPS/VHF ANTENNA P/N CI 2728-410 S/N 754385 AND INSTALLED NEW P/N CI 2728-410 S/N 788712. REMOVED GPS/WAAS ANTENNA P/N 013-00245-00 S/N 27549 AND INSTALLED NEW P/N 013-00245-00 S/N 25655. WORK PERFORMED IAW DA62 AMM CH 34-50.

DATE: 06-05-2025

SIGNED:

Emmanuel Vicoso
CRS: # 9PRR402B

WORK ORDER: 11163-07-2025

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MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP
GROSS WEIGHT: 5071.00



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

W/O #: 11381-03-2028
DATE: 04-21-2028
Airframe TT: 93.2
Tach: 93.2

Airframe Entries

- 2 CW ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING *** MM INSPECTION CHECKLIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: AUG.2031. ADS CHECKED THROUGH CURRENT ON ATP.
- 13 C/W ICA SAM D0302 STDBY INSTRUMENT INSPECTION IAW DOC NO. 9017782. OPS AND LEAK CHECKED GOOD.
- 14 C/W ICA BERINGER BRAKES INSP IAW DOC# MM-ETSD-001 COMPLETED OPS CHECKED NORMAL.
- 17 C/W 1 YR AUTOPILOT MECHANICAL CHECK. NO DISCREPENCIES NOTED AT THIS TIME
- 18 C/W 1 YR ECU BACKUP BATTERIES REPLACEMENT WITH NEW P/N: NPT-12 (4) IAW DA62 MM CH:24-30.
- 20 C/W 1 YR FUEL CAPS O-RING REPLACEMENT AND ADJUSTMENT IAW DA62 MM CH: 28-10 OPS CHECKED NORMAL.
- 21 PERFORMED MAGNETIC COMPASS CALIBRATION IAW AC43-215 AND PROVIDED COMPASS CARD.
- 22 C/W 1 YR MAIN BATTERY CAPACITY TEST COMPLETED AND PASSED WITH 99.2% INSTALLED IAW DA62 MM CH: 24-31. OPS CHECKED NORMAL.
- 23 C/W 1 YR DE-ICE FLUID STRAINER CLEANING COMPLETED IAW DA62 MM CH: 30-00. OPS CHECKED NORMAL.
- 25 COMPLETED MSB 62-603/REV.11 G1000 NXI S/W UPDATE TO VER.3787.07 PHASE3 CONFIGURATION PERFORMED G1000NXI GROUND CHECK OUT NO FAULTS NOTED. ALL WORK DONE IAW THIS MSB AND GARMIN/DIAMOND G1000NXI LINE MM 190-02631-00.
- 27 REPLACED RH ELECTRIC FUEL PUMP LOWER SOLID BRIDGE WITH NEW P/N: D44-7311-00-02 IAW DA 62 MM CH 28-20. OPS CHECKED GOOD.
- 28 APPLIED TREATMENT OF AV30 ON MLG AND NLG AS REQUIRED.
- 29 REPLACED LEFT AND RIGHT BRAKE LININGS WITH NEW P/N: PQT-014(A) IAW BERINGER MAINTENANCE WORKING CARD MM-00-003 AND STC-021 OPS AND LEAK CHECKED GOOD.
- 30 ADJUSTED ROLL SERVO CAPSTAN TO BE WITHIN LIMITS IAW DA62 MM CH 22-10 OPS CHECKED GOOD.
- 31 INSTALLED RIGHT IN BOARD FLAP GROUND IAW AC.43.13-1B CH 11-15.
- 32 REPLACED NLG FIREWALL GROUND STRAP WITH NEW P/N AP35110 IAW AC.43.13-1B CH 11-15.
- 33 C/W MSB62-051/1 REPLACEMENT OF MLG AND NLG RETAINING RINGS IAW DA 62 MM CH: 32-10. OPS CHECKED GOOD.
- 34 BLEED COPILOT BRAKES IAW BERINGER MAINTENANCE WORKING CARD MM-00-003 AND STC-021. OPS CHECKED AND LEAK CHECKED GOOD.
- 35 REPLACED FLAP POSITION INDICATOR BULB WITH NEW P/N 430552 IAW DA62 MM CH 27-50-00. OPS CHECKED GOOD.

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

DATE: 04-21-2028

SIGNED:

Dennis Allard
CRS: # 9PRR402B

WORK ORDER: 11381-03-2028

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MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP
GROSS WEIGHT: 5071.00



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

W/O #: 11381-03-2028
DATE: 04-21-2028
Airframe TT: 93.2
Tach: 93.2

Airframe Entries

- 19 C/W ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON KANNAND ELT P/N S1851501-02 S/N: TM000329042 FOUND SATISFACTORY. ELT BATTERY DUE DATE: 08/2031. HEX ID: ADC649260558601.

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

DATE: 04-21-2028

SIGNED:

Raymond Ocasio
CRS: # 9PRR402B

WORK ORDER: 11381-03-2028

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Section 1: Airframe Log

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

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENT)

CARRIED FORWARD

MAKE: Diamond
MODEL: DA62
S/N: 62.C100
REG. NO: 56TP
GROSS WEIGHT: 5071.00



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

W/O #: 11414-04-2026
DATE: 04-24-2026
Airframe TT: 93.6
Tach: 93.6

Airframe Entries

- 2 INSTALLED MAIN BATTERY MINDER HARNESS MODEL BM-AIK2 TO MAIN BATTERY RELAY IAW BM-AIK2A INSTALLATION INSTRUCTION AND DA62 MM CHAP 24-31-00.GROUND CHECK GOOD

DATE: 04-24-2026

SIGNED:

Dennis Allard
CRS: # 9PRR402B

WORK ORDER: 11414-04-2026
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