

AIRCRAFT

TECHNICAL RECORD

Section 1. AIRFRAME LOG

AIRCRAFT

- | | |
|---|---------------|
| 1. Nationality and Registration : | N87DA |
| 2. Manufacturer's designation : | DA 62 |
| 3. Manufacturer's Serial Number: | 62.133 |
| 4. Type Approval or Specification Number: | A00012NY |
| 5. Date of Manufacture : | November 2019 |
| 6. Aircraft Inspections cycle: | |



Section 1: Airframe Log



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

Registration: N87DA
Airframe Total Time: 27.8
Engine LH SN: E4P-C-00284
Engine LH TT: 27.8
Prop LH SN: 180283
Prop LH TT: 27.8

AC Serial Number: 62.133
Work Order: SO 072411
Engine RH SN: E4P-C-00285
Engine RH TT: 27.8
Prop RH SN: 180284
Prop RH TT: 27.8

- Aircraft Imported as "N87DA"
- Previous Entries Taken from Factory & Ferry Log
 - Total Time Brought Forward: 27.8 hrs.
- Compass swing performed (information transferred from Original Production Records):
 - Date: December 10, 2019

FOR	N	30	60	E	120	150
STEER	359	029	059	089	119	149
FOR	S	210	240	W	300	330
STEER	179	209	239	269	299	329

- 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: Stand By Altimeter:
Test Date: Dec 10, 2019 Test Date: Dec 10, 2019
Next Due: Dec 10, 2021 Next Due: Dec 10, 2021

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

ACA  Date: JAN 09 2020
Continued...



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

Registration: N87DA
Airframe Total Time: 27.8

AC Serial Number: 62.133
Work Order: SO 072411

- 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. Dated : Dec 04, 2019.
 - TXPR re-programmed:
 - USA Registration: N87DA
 - Hex Code: ABF449
 - IGRF 2015
- W&B – Original, as inserted into AFM section 6, dated Dec 04, 2019
 - Current Empty Weight = 1717.00 kg OR 3785.33 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 = 583 kg OR 1285.29 lbs

Garmin G1000 Installation:

Software Version: 1016.10 FileCharts Expiry: 2020-01-30
Obstacle Database Expiry: 2020-01-30 SafeTax Expiry: 2020-01-30
Navigation Database Expiry: 2020-01-30 ChartView Expiry: N/A
GTX 345 Software Version: V2.12 Apt Directory Expiry: 2020-01-30

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

ACA  Date: JAN 09 2020
Continued...



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

Registration: N87DA
Airframe Total Time: 27.8
AC Serial Number: 62.133
Work Order: SO 072411

- 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.

Certification Maintenance Requirements:

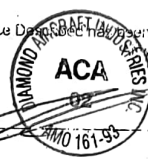
ATA Ch.	Component	Hours	Years	Next Due
51	Bonding System, and static discharging system	1000	4	1000 hrs / Dec 10, 2022

Replacement Requirements:

ATA Ch.	Component	Hours	Years	Next Due
24	Emergency battery package		2	Dec 10, 2021
24	ECU backup button, L/R / R/H		1	Dec 10, 2020
27	But connecting flap push rods to flap full crank midsection at rear main bulkhead.	1000		1000 hrs

- ELT Installation:
 - Programmed: N87DA
 - ELT Battery Due Date: September 1, 2026
 - ELT P/N S1840501-01 C/N: LX1100990073

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

ACA  Date: JAN 09 2020
Continued...



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

Registration: N87DA
Airframe Total Time: 27.8
AC Serial Number: 62.133
Work Order: SO 072411

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No. 3009/13, dated December 13, 2019.
- USA Registration Letters "N87DA" installed on fuselage side surface I.A.W. FAR45.25 (b) (2)
- ELT reprogrammed Hex ID: ABF449 verified for Reg. No "N87DA"
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 par D.
- All applicable Airworthiness Directives, Service Bulletins complied with. See attached report.
- AVD Bi-weekly checked thru 2020-01.

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE
CERTIFICATE: A00012NY AND IS IN A FIT AND SAFE STATE FOR
FLIGHT

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

ACA  Date: JAN 09 2020
END.



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

Registration: N87DA
Airframe Total Time: 27.8
Engine LH SN: E4P-C-00284
Engine LH TT: 27.8
Prop LH SN: 190283
Prop LH TT: 27.8

AC Serial Number: 62 133
Work Order: SO 072411
Engine RH SN: E4P-C-00285
Engine RH TT: 27.8
Prop RH SN: 190284
Prop RH TT: 27.8

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

- I-Panel registration placard installed "N87DA"
- Ferry Flight Acceptance snag #1 – finishing not performed.
 - Cosmetic detailing to be carried out prior to delivery.
- Ferry Flight Acceptance snag #2 – R door open annunciation.
 - Could not duplicate, Door inspected and found serviceable.
- Ferry Flight Acceptance snag #3 – RH ice protection pad damaged.
 - Cosmetic only, Ice protection patch to be replaced before delivery.
- Ferry Flight Acceptance snag #4 – Icing mode "norm" initially not working.
 - TKS ground test carried out, found serviceable.
- Incorrect limitation placard installed. Removed limitation placard and installed correct Placard PN: D67-1133-20-04X01 Rev.A IAW FIKI supplement S03.
- VOR operational check for IFR operation carried out IAW FAR 91.171. Found serviceable. Next Due February 19, 2020.

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

ACA



Date:

JAN 20 2020

END.

Date: 20 JAN 2020

I find that this aircraft: N87DA, DA62, s/n 62.133, meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate.

Eric H. Davidge FAA DAR-T 612515995

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							



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

Registration	N87DA	AC Serial Number	62 133
Airframe Total Time	29.1	Work Order	SO 072411
Engine LH SN	E4P-C-00284	Engine RH SN	E4P-C-00285
Engine LH TT	29.1	Engine RH TT	29.1
Prop LH SN	190283	Prop RH SN	190284
Prop LH TT	29.1	Prop RH TT	29.1

- LH prop governor speed stop adjusted out 1/8 turn.
- Adjusted LH/RH door seals as required.
- Adjusted stall warning up 2 mm.
- Adjusted RH Outboard flap down 1/2 turn at short rod aft rod end.

Dual Inspection Carried out on all Flight controls affected by Work Performed

ACA  Date: 23 Jan, 2020

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

ACA  Date: JAN 23 2020
END.



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

Registration	N87DA	AC Serial Number	62 133
Airframe Total Time	29.8	Work Order	SO 072411
Engine LH SN	E4P-C-00284	Engine RH SN	E4P-C-00285
Engine LH TT	29.8	Engine RH TT	29.8
Prop LH SN	190283	Prop RH SN	190284
Prop LH TT	29.8	Prop RH TT	29.8

- LH prop governor speed stop adjusted out 1/8 turn.
- Adjusted stall warning down 4 mm.

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

ACA  Date: JAN 24 2020
END.



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

Registration	N87DA	AC Serial Number	62 133
Airframe Total Time	32.8	Work Order	SO 072411
Engine LH SN	E4P-C-00284	Engine RH SN	E4P-C-00285
Engine LH TT	32.8	Engine RH TT	32.8
Prop LH SN	190283	Prop RH SN	190284
Prop LH TT	32.8	Prop RH TT	32.8

- Replaced LH engine propeller governor PN P-877-16.
 - Removed SN 19G557-I/G TTSN 32.8 hrs
 - Installed SN 19G919-I/G TTSN 0.0 hrs
 - Ground run and leak check carried out. Found serviceable
- Replaced LH engine gearbox temperature sensor. Installed PN: E4A-40 000-806

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

ACA  Date: FEB 03 2020
END.

MAKE: Diamond
MODEL: DA-62
S/N: 62.133
REG. NO: 87DA
WORK ORDER:
8885-04-2020



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

DATE: 5/6/2020
A/C TSN: 59.4
TACH: 59.4

LICENCE:
AME or
AMO/ACA

Airframe Entries

(2) INSTALLED GARMIN GTX 345RP/N 010-01217-03 S/N 3EH027443 WITH GIA-63W GPS POSITION SOURCE FOR ADS-B OUT COMPLIANCE AND TIS-B (ADS-B IN TRAFFIC) AND INTERFACED TO TAS-600 TRAFFIC SYSTEM TO DISPLAY ON G1000NXI. ALL WORK DONE I/A/W DIAMOND W/ OSB-62-033 REV.0 REVISED POH EQUIPMENT LIST WEIGHT AND BALANCE UNAFFECTED PERFORMED TRANSPONDER CORRELATION TEST I/A/W FAR 91.413
(3) INSTALLED GDL-69A SXM P/N 011-03177-10 S/N 3NV004223 SXM ID: XV9HB443 OPTIONAL EQUIPMENT IAW DIAMOND DA-62 OSB-062-017 REV.1 DWG. D67-9231-60-02 ALL GARMIN FUNCTIONS CHECKED OK. WEIGHT AND BALANCE REVISED AND EQUIPMENT LIST FOR THIS INSTALLATION.
(5) COMPLIED WITH DIAMOND MSB-62-003 REV.3 G1000NXI PHASE 1 SOFTWARE UPGRADE TO VER 1373-03 CONFIGURED OPTIONS GTX345R ADS-B IN/OUT GDL-69A SXM. POH AND EQUIPMENT LIST REVISE WHEIGHT AND BALANCE NOT AFFECTED.

DATE: 5/6/2020

SIGNED:

SAMUEL TAVAREZ JR.
CRS# 9PRR402B

Work Order: 8885-04-2020

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N87DA
WORK ORDER: 0118



Premier Aircraft Sales, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/8/2020
A/C TSN: 85.8
FLIGHTTIME: 85.8

Airframe Entries

- OSB62-034 - Installed FlightStream510 card P/N 011-03595-00 S/N 402011826
- Enabled ChartView, card P/N 010-00330-53 S/N BE1235322322G
- OSB62-007 Retrofit tablet mounts
- OSB62-007 Replaced 3rd row seat with cargo tray P/N D67-2525-40-00_02. See W&B revision this date.

DATE: 7/8/2020

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0118

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N87DA
WORK ORDER: 0122



Premier Aircraft Sales, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/8/2020
A/C TSN: 85.8
FLIGHTTIME: 85.8

Airframe Entries

- Replaced fuel filters.

DATE: 7/8/2020

SIGNED:

Chad Cox, License: AP3782800

Work Order: 0122

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N1MF
WORK ORDER: 0136



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 8/14/2020
A/C TSN: 122
FLIGHTTIME: 122

Airframe Entries

- Replaced pilot sun visor lens P/N R1961403
- Replaced RH coolant safety valve P/N X11-0014-00-00.00 and serviced system

DATE: 8/14/2020

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0136

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Section 1: Airframe Log

3

MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N1MF
WORK ORDER: 0144



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 8/14/2020
A/C TSN: 122
FLIGHTTIME: 122

Airframe Entries

- Replaced all brake linings P/N 066-15500

DATE: 8/14/2020

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0144

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N1MF
WORK ORDER: 0254



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 1/12/2021
A/C TSN: 188.9
FLIGHTTIME: 188.9

Airframe Entries

- Replaced fuel filters

DATE: 1/12/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0254

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N1MF
WORK ORDER: 0280



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 3/8/2021
A/C TSN: 228.7
FLIGHTTIME: 228.7

Airframe Entries

- Replaced RH coolant safety valve X11-0014-00-00.00

DATE: 3/8/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0280

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG. NO: N1MF
WORK ORDER: 0297



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 4/1/2021
A/C TSN: 246.4
FLIGHTTIME: 246.4

Airframe Entries

- Performed Annual Inspection using DA62 AMM as a guide
- Inspected ELT system IAW 14 CFR 91.207(d)
- Replaced ECU backup batteries
- Replaced fuel filters
- Complied with 100 Hour lubrication

I certify this aircraft has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.

DATE: 4/1/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0297

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TOTALS

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG NO: N1MF
WORK ORDER: 0386



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/26/2021
A/C TSN: 316.7
FLIGHTTIME: 316.7

Airframe Entries

- Replaced fuel filters

DATE: 7/26/2021

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0386

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MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG NO: N1MF
WORK ORDER: 0386



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 7/26/2021
A/C TSN: 316.7
FLIGHTTIME: 316.7

Airframe Entries

- Replaced all brake linings

DATE: 7/26/2021

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0386

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Select Avionics, LLC. 1500 E. Industrial Blvd Ste 121 McKinney, TX 75069 5ECR951Y
LOG ID# 1811 15-July-2021 WO# 4534 SA 20 HOBBS 282.2
N1MF S/N 62.133 DIAMOND/KATANA DA62

Pg 1 / 1

DISCREPANCY: A/P disconnects intermittently.
Model: GFC 700 Part#: N/A Serial#: N/A

ACTION: Rang out wiring and all wiring checked normal. Reloaded GIA 63W software and autopilot now checks normal.

DISCREPANCY: Intermittent ADS-B fail message.
Model: GIA 63W Part#: 011-01105-20 Serial#: 1HQ017858

ACTION: Traced problem to faulty GIA 63W. Removed GIA 63W, PN: 011-01105-20 and SN: 1HQ017858. Installed overhauled exchange GIA 63W, SN: 1HQ016038 and reloaded system software. ADS-B now checks normal.

RMA: X138614478

The aircraft/appliance identified above was repaired in accordance with current Federal Aviation Agency Regulations and is hereby approved for return to service with respect to work performed.

5ECR951Y Jerry Huntley Date 7/15/21

MAKE: Diamond
MODEL: DA62
S/N: 62.133
REG NO: N1MF
WORK ORDER: 0568



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562.881.5345

DATE: 4/28/2022
A/C TSN: 394.3
FLIGHTTIME: 394.3

Airframe Entries

- Performed Annual Inspection using DA62 AMM as a guide
- Inspected ELT system IAW 14 CFR 91.207(d)
- Replaced ECU backup batteries
- Replaced fuel filters
- Complied with 100 Hour lubrication
- Replaced brake linings

I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 4/28/2022

SIGNED:

Chad Cox, License: AP3782800 IA

Work Order: 0568

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Section 1: Airframe Log

MAKE: Diamond
MODEL: DA62
S/N: 62 133
REG. NO: N1MF
WORK ORDER: 0843



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 5/12/2023
A/C TSN: 482 4
FLIGHTTIME: 482 4

Airframe Entries

- Replaced fuel filters
- Replaced brake linings
- Replaced main tires and tubes

DATE: 5/12/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 0843

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PDG Services + 670 Ferris Rd., Suite 104 + Lancaster TX 75146

ACFT REG. N1MF WORKS TIME 554.8

The altimeter, transponder & altitude reporting system has been inspected and found to comply with the requirements of FAR 91.411 & 91.413, to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 23-1230, dated 12-20-23

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

12-20-23
(Date)

PDG Services + 670 Ferris Rd., Ste. 104 + Lancaster, TX. 75146

ACFT REG. N1MF WORKS TIME 554.8

The altimeter system has been inspected and found to comply with the requirements of FAR part 91.411, to an altitude of 20,000 ft. Pertinent details of the certification are on file at this repair station under the work order # 23-1230, dated 12-20-23

Paul Gardner
CRS G49R038Y

(Authorized Signature)
214-886-5894

12-20-23
(Date)

MAKE: Diamond
MODEL: DA62
S/N: 62 133
REG. NO: N1MF
WORK ORDER: 1010



Premier Aircraft Service, Inc.

3804 Falcon Way W
Hangar 18S
Fort Worth, TX 76106
Phone: 562 881 5345

DATE: 12/22/2023
A/C TSN: 554 8
FLIGHTTIME: 554 8

Airframe Entries

- Performed Annual Inspection using DA62 AMM as a guide
- Inspected ELT system IAW 14 CFR 91.207(d)
- Replaced ECU backup batteries
- Replaced fuel filters
- Complied with 100 Hour lubrication
- Replaced brake linings 086-15500
- Replaced left nose baggage door strut D60-5231-52-00
- MSB62-002/6 (MSB-E4-003/27) updated L-R FADEC software to VC33_2P_07_25

I certify this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

DATE: 12/22/2023

SIGNED:

David Seastead, License: AP3492477 IA

Work Order: 1010

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TOTALS

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MAKE: Diamond
MODEL: DA-62
S/N: 62.C018
REG. NO: 1MF
WORK ORDER:
10619-03-2024

**Premier Aircraft Service, Inc.**

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

DATE: 4/2/2024
A/C TSN: 579.8
TACH: 579.8

E

LICENCE:
AME or
AMO/ACA

Airframe Entries

(2) SWAPPED OIL PRESS SENSORS FROM LH AND RH ENGINES. REPLACED RH ENG EXHAUST TAILPIPE SHOCK MOUNT WITH NEW P/N 597205. WORK DONE IAW DA62 MM CH 77-40 & 78-00.

DATE: 4/2/2024

SIGNED:

Work Order: 10619-03-2024

EMMANUEL VICIOSO
CRS 9PRR402B

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MAKE: Diamond
MODEL: DA-62
S/N: 62.C018
REG. NO: 1MF
WORK ORDER:
10619-03-2024



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

DATE: 4/2/2024
A/C TSN: 579.8
TACH: 579.8

E

LICENCE:
AME or
AMO/ACA

Airframe Entries

(2) SWAPPED OIL PRESS SENSORS FROM LH AND RH ENGINES. REPLACED RH ENG EXHAUST TAILPIPE SHOCK MOUNT WITH NEW P/N 597205. WORK DONE IAW DA62 MM CH 77-40 & 78-00.

DATE: 4/2/2024

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10619-03-2024

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MAKE: Diamond
MODEL: DA-62
S/N: 62.133
REG. NO: 37ES
WORK ORDER:
10655-04-2024



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

DATE: 8/27/2024
A/C TSN: 604.2
TACH: 604.2

Airframe Entries

(7) INSTALLED 3RD ROW SEAT OAM 62-019 IAW DA62 MM CHP 25-10-00.
(8) REPLACED REGISTRATION NUMBER ON AIRCRAFT FUSELAGE WITH N37ES IAW FAR 45.29. CHANGED CALL SIGN ON TRANSPONDER. RE PROGRAMMED ELT. INSTALLED NEW ID PLATE ON INSTRUMENT PANEL.
(10) REPAINTED LH AND RH PROPELLER BLADES IAW E-124 MM.

DATE: 8/27/2024

SIGNED:

JUAN VALENCIA
CRS 9PRR402B

Work Order: 10655-04-2024

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-62
S/N: 62.133
REG. NO: 37ES
WORK ORDER:
10813-09-2024



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

DATE: 11/14/2024
A/C TSN: 610
TACH: 610

Airframe Entries

(12) REPLACED RH PROP DE-ICE TKS NOZZLE WITH NEW P/N: 15525-03 IAW WI-OSB-62-019.

DATE: 11/14/2024

SIGNED:

EMMANUEL VICIOSO
CRS 9PRR402B

Work Order: 10813-09-2024

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Section 1: Airframe Log

DATE / /	AIR TIME		LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL	TOTAL	DAILY TOTAL	TOTAL	

CARRIED FORWARD

1 of 2

MAKE: Diamond
MODEL: DA-42
S/N: 62-133
REG. NO: 37ES
WORK ORDER:
10887-11-2024

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

DATE: 12/2/2024
A/C TSN: 610
TACH: 610

Airframe Entries

- (2) C/W ANNUAL INSPECTION ON THIS AIRFRAME IAW 14 CFR PART 43, APPENDIX "D" USING DA62 MM CH 5 INSPECTION CHECK LIST AS A GUIDE. C/W FAR 91.207 D ELT INSPECTION AND FUNCTIONAL CHECK. ELT BATTERY EXPIRATION DATE: 03/2031. A/Ds CHECKED THROUGH CURRENT ON ATP.
- (16) C/W 1 YR AUTOPILOT MECHANICAL CHECK IAW DA62 CH: 22-10-00. OPS CHECKED GOOD.
- (17) C/W 1 YR ECU BACKUP BATTERIES REPLACEMENT. INSTALLED NEW P/N: NP7-12 IAW DA62 MM CH:24-30-00. OPS CHECKED GOOD.
- (20) C/W AD 2024-07-03 HORIZONTAL STAB CONNECTING BOLT TORQUE INSPECTION. NO DEFECTS FOUND. ALL WORK PERFORMED IAW MSB-62-052.
- (21) C/W 1 YR TKS SYSTEM CHECK. IAW DA62 MM CH: 30-00. OPS AND LEAK CHECKED GOOD.
- (23) C/W ICA SAM MD302 STDBY INSTRUMENT INSPECTION IAW DOC NO. 9017782. OPS AND LEAK CHECKED GOOD.
- (31) C/W MSB-62-051/11 REPLACED MAIN LANDING GEAR AND NOSE LANDING GEAR RETAINING RINGS.
- (32) C/W 3 YR BRAKE FLUID REPLACEMENT. BLEED BRAKES SYSTEM WITH AEROSHELL 41 IAW DA62 MM CH: 12-10.
- (32) C/W 4 YR BONDING SYSTEM RESISTANCE TEST IAW DA62 MM CH 51-80. GROUND CHECKED GOOD.
- (45) BLEED BRAKES SYSTEM WITH AEROSHELL 41 IAW DA62 MM CH: 12-10. OPS AND LEAK CHECKED GOOD.
- (49) ADJUSTED SECONDARY ALTERNATOR V-BELT TENSION TO BE WITHIN LIMITS IAW DA62 AMM CH: 61-10. OPS CHECKED GOOD.
- (52) ADJUSTED ROLL SERVO BRIDLE CABLE TENSION TO BE WITHIN LIMITS IAW DA62 AMM CH: 22-10. OPS CHECKED GOOD.
- (53) ADJUSTED PITCH SERVO BRIDLE CABLE TENSION TO BE WITHIN LIMITS IAW DA62 AMM CH: 22-10. OPS CHECKED GOOD.
- (55) REPLACED GROUND STRAP ON ELEVATOR CONTROL SURFACE PUSH TUBE ROD-END IAW AC 43.13-1B CH 11.
- (56) REPLACED RUDDER CONTROL SURFACE GROUND STRAP WITH NEW IAW AC 43.13-1B CH 11.
- (60) REAPPLIED SEALANT TO LH AND RH PROPELLER BOOT EDGES AS REQUIRED.

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- (61) ADJUSTED ROLL SERVO CAPSTAN TO BE WITHIN LIMITS IAW DA62 AMM CH: 22-10. OPS CHECKED GOOD.
- (63) REPLACED LH AND RH AUX FUEL DRAIN VALVES WITH NEW P/N: CAV-180 IAW DA62 AMM CH: 28-10. LEAK CHECKED GOOD.
- (68) REPLACED LH AND RH BRAKE DISCS WITH NEW P/N: 164-25700 IAW CLEVELAND MM AWBCMM0001-18/USA SECTION 300 AND DA62 MM CH 32-40.

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

DATE: 12/2/2024

SIGNED:

JUAN VALENCIA
CRS 9PRR402B

Work Order: 10887-11-2024

Printed by EBis 3 (datcomedia.com)

MAKE: Diamond
MODEL: DA-42
S/N: 62-133
REG. NO: 37ES
WORK ORDER:
10887-11-2024

Premier
Aircraft Service

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

DATE: 12/2/2024
A/C TSN: 610
TACH: 610

Avionics Entries

- (19) C/W KANNAD 406 ELT TEST AND INSPECTION IAW FAR 91.207-D, PAR 1-2-3-4 ON ELT P/N: S1840501-01 S/N: LX1100995078 AND FOUND SATISFACTORY. ELT BATTERY DUE DATE: 03/2031. HEX ID: ADC6492641CC345

DATE: 12/2/2024

SIGNED:

RAYMOND OCAÑO
CRS 9PRR402B

Work Order: 10887-11-2024

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N37ES

S/N: 62.133

Tach: 722.2

October 09, 2025

Removed Concord Battery P/N RG24-15, S/N 41013871 and installed New RG24-15, S/N 41471943. All work accomplished IAW Diamond DA62 Series Maintenance Manual. This aircraft has been determined to be in an airworthy condition with respect to work performed.

BNB Aircraft Services LLC
Bessemer, AL (KEY)

Edward C. Vigne A&P 2876861A

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