

AIRCRAFT TECHNICAL RECORD

N149DA

REGISTRATION

AeroTRANSPORT Logbooks
www.aerotransport.com

Equipment and Weight and Balance Change

Date: 18-Oct-18
Aircraft Make & Model: Diamond DA62
N Number: N149DA
S/N: 62.092



3330 Airport Loop. Salisbury, NC 28147

Weight (lbs) Arm (in) Moment (in-lbs)

Previous Empty Weight & Balance: 3751.83 95.47 358187.2101

Equipment Removed (weights entered as negative)

			0
			0
			0
			0
			0
			0
			0
			0

Equipment Installed

GDL-69A System	1.4	45	63
			0
			0
			0
			0
			0
			0
			0

New Empty Weight & Balance: 3753.23 95.451174 358250.2101

Certified Gross Weight 5070.632

New Useful Load 1317.402

Inspector: Glenn M Lawler AP 2151929 IA

Signature:

Aircraft	N149DA	Year	2018	Engine Serial	E4P-C-00185/6
Serial Number	62.092	Hour Meter	660.3	Date	05/07/2022
Make	Diamond	Model	DA-62	C of A Date	09/18/2018

Inspection	Frequency	Date (Last Performed)	Hour Meter (Last Performed)	Date (Due)
Annual Inspection	Annually	01/06/2023 09/14/2022	731.1 825	01/06/2023 09/30/23
100 Hour Inspection	Every 100 Hours	01/06/2023 09/14/2022	731.1 825	01/06/2023 09/30/23
ELT Inspection	4 Calendar Months	09/14/2022	731.1	09/30/23
IFR Certification	Calendar Months	08/04/2022	723.4	8/31/24
Dual VOR Check	30 Days	12/01/2022		01/01/2023

AIRCRAFT DATA

1. Nationality & Registration USA N149DA
2. Manufacturer's Designation
(Make & Model) DA 62
3. Manufacturer's Serial
Number 62.092
4. Type Approval or
Specification Number A57CE
5. Date of Manufacture August 2018
6. Aircraft Inspection Cycle



Registration: N149DA
Airframe Total Time: 29.5
Engine L/H TT: 29.5
Engine R/H TT: 29.5
Prop L/H TT: 29.5
Prop R/H TT: 29.5

AC Serial Number: 62 062
Work Order: 50 071819
Engine R/H SN: 50-0-00106
Engine R/H TT: 29.5
Prop R/H SN: 180339
Prop R/H TT: 29.5

- Aircraft Imported as 'N149DA'
- Previous Entries Taken from Factory & Ferry Log
 - Total Production Test Flight Time: 3.75 hrs August 18, 2018 thru August 27, 2018 LOAN
 - Ferry Flight: 26 hrs
 - August 27, 2018 thru August 29, 2018 LOAN - CYXU
 - Total Time Brought Forward: 29.5 hrs
- Compass swing performed (information transferred from Original Production Records)
 - Date: August 16, 2018

FOR	N	30	80	E	120	150
STEER	000	029	063	090	120	151
FOR	E	210	240	W	300	330
STEER	180	210	240	270	300	331

- 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: Aug 13, 2018
Next Due: Aug 12, 2020

Stand By Altimeter:
Test Date: Aug 13, 2018
Next Due: Aug 12, 2020

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



SEP 17 2018

Continued...



Registration: N149DA
Airframe Total Time: 29.5

DIAMOND AIRCRAFT INC.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 145-43
AC Serial Number: 62 062
Work Order: 50 071819

- 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: August 16, 2018
 - TXPR re-programmed:
 - USA Registration: N149DA
 - Hex Code: A0C46B
 - IGRF 2015

Garmin G1000 Installation:

Software Version: 1373.02
Cockpit Database Expiry: 2018-06-13
Navigation Database Expiry: 2018-06-13
GTX 33 Software Version: N/A

File/Charts Copy: 2018-06-13
Srv/Test Expiry: 2018-06-13
Chartview Expiry: 2018-06-13
Apt Directory Expiry: 2018-06-13

- Following limitations as per DA 62 AMM (Doc 7 02.20) 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



SEP 17 2018

Continued...

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REPAIRS & REPLACEMENTS



Registration: N149DA
Airframe Total Time: 29.5

DIAMOND AIRCRAFT INC.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 145-43
AC Serial Number: 62 062
Work Order: 50 071819

Certification Maintenance Requirements:

ATA	Component	Hours	Years	Next Due
31	Routing System and static discharging system	1000	4	1000 hrs / Aug 12, 2020

Replacement Requirements:

ATA	Component	Hours	Years	Next Due
24	Emergency battery	-	2	N/A
24	EOV backup battery L/R/A/R	-	1	Aug 13, 2018
27	Roll controlling flap anti-ice in flap, flap anti-ice in flap, flap anti-ice in flap	1000	-	1000 hrs

- ELT Installation:
 - Programmed: N149DA
 - ELT Battery Due Date: May 1, 2024
 - ELT SN: LX1100537462

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



SEP 17 2018

Continued...



Registration: N149DA
Airframe Total Time: 29.5

DIAMOND AIRCRAFT INC.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 145-43
AC Serial Number: 62 062
Work Order: 50 071819

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No. 2880/18, dated August 22, 2018
- USA Registration Letters 'N149DA' installed on fuselage side surface I.A.W. FAR45.25 (b) (2).
- ELT reprogrammed Hex ID ADC verified for Reg. No. 'N149DA'
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 per 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 2018-17
- Aircraft and documentation reviewed, aircraft found to be in the same configuration as 'Factory V&B Report' dated July 18, 2018.
 - Current Empty Weight = 1597 kg OR 3741.25 lbs
 - Current Empty C of G = 2.426 m OR 95.51 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 603 kg OR 1329.39 lbs
 - See Current V&B Report and AFM 7.01 25-E, Chapter 6

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE CERTIFICATE: AS7CE Revision No. 26 AND IS IN A FIT AND SAFE STATE FOR FLIGHT

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



SEP 17 2018

End

Section 1: Airframe Log

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

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENT)

NAME/
SIGNATURE

LICENCE:
AME/AMO/ACA

I find that the aircraft meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate dated September 18, 2018. The aircraft shall be maintained in accordance with the manufacturers recommended program.

Ron Sokolowski DAR 068114544

Ron Sokolowski



DIAMOND AIRCRAFT INC.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 181-83

Registration: N148GA
Airframe Total Time: 29.5
Engine L/R: 29.5
Engine L/R TT: 29.5
Prop L/R: 29.5

AC Serial Number: 62 262
Work Order: 60 071959
Engine R/R: 29.5
Engine R/R TT: 29.5
Prop R/R: 29.5

- Installed propeller unfeathering accumulators on LH and RH engines per Diamond approved Drawing No. D67-6115-00-00 Rev. A. & DA62 AMM Ch 61-20-00. OAM 62-030 (a) (Operation without Unfeathering Accumulators) no longer applicable to this Aircraft.
- Installed accumulator PN: P-893-3 SN: 18A074 on LH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- Installed accumulator PN: P-893-3 SN: 18A120 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.
- AFM supplement 004 removed from Ch. 6.
- Limitation placards listed in supplement 004 removed from cockpit.
- Aircraft weight and balance report amended.
 - Current Empty Weight = 1701.80 kg OR 3751.83 lbs
 - Current Empty C of G = 2.425 m OR 95.47 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 598.20 kg OR 1318.81 lbs
- Current W&B Amendment added to AFM Chapter 6.
- Supplementary equipment list added to AFM Ch. 6.

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



Continued...



DIAMOND AIRCRAFT INC.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 181-83

Registration: N148GA
Airframe Total Time: 29.5
Engine L/R: 29.5
Engine L/R TT: 29.5
Prop L/R: 29.5

AC Serial Number: 62 262
Work Order: 60 071959
Engine R/R: 29.5
Engine R/R TT: 29.5
Prop R/R: 29.5

- Repaired connector P2404. Wire 61204822 relocated to pin position 46 IAW Diamond approved Dwg# D67-9261-20-01 Rev. A.
- Removed, cleaned and re-installed LH/RH Aux fuel transfer filters.

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



END.

Date: SEP 25 2018

PAGE
TOTALS

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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	
	HRS	MIN	HOURS	MIN			
CARRIED FORWARD							



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

Registration:	N149DA	AC Serial Number:	62 092
Airframe Total Time:	30.8	Work Order:	SO 071959
Engine LH SN:	E4P-C-00185	Engine RH SN:	E4P-C-00185
Engine LH TT:	30.8	Engine RH TT:	30.8
Prop LH SN:	180338	Prop RH SN:	180339
Prop LH TT:	30.8	Prop RH TT:	30.8

- Adjusted LH/RH aileron short rod aft rod ends out (aileron up) 1/4 turn.
- Adjusted radio spacing from 8.33 KHz to 25 KHz.
- LH/RH Fwd door seals adjusted as required

Dual Inspection Certificate: All Flight controls affected by Work Performed

ACA



Date: OCT 01 2018

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

ACA



Date: OCT 01 2018

END.



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

Registration:	N149DA	AC Serial Number:	62 092
Airframe Total Time:	31.5	Work Order:	SO 071959
Engine LH SN:	E4P-C-00185	Engine RH SN:	E4P-C-00186
Engine LH TT:	31.5	Engine RH TT:	31.5
Prop LH SN:	180338	Prop RH SN:	180339
Prop LH TT:	31.5	Prop RH TT:	31.5

- Replaced Alternator regulator current sensors 1 and 2 PN: D4D-2466-12-00-DA40 IAW Diamond approved Dwg number D67-9224-30-01_01 Rev. A.

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

ACA



Date: OCT 03 2018

END.

PAGE
TOTALS

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Section 1: Airframe Log

DATE	AIR TIME				LANDINGS / CYCLES	
	TOTAL		DAILY		TOTAL	
	HR	MIN	HR	MIN		

CARRIER
FORWARD

SA
SouthTecAviation
Office: 704-431-6862

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: October 18, 2019 | Diamond DA62 | S/N: 62-092 | Reg: N149DA
Tech: 35.7 hrs. TTAF: 55.7 hrs.

Installed Garmin GDL-69A system. P/N (010-01294-11) S/N (3NV003351). Removed antenna GA38. P/N (0150000A) S/N (14055). Installed antenna GA37. P/N (015-00245-00) S/N (16252). See change to weight and balance. Aircraft returned to service.

All work performed in accordance with manufacturer's maintenance manuals.

Christie Hedrick
Christie M. Hedrick

A&P 2151929 IA

SA
SouthTecAviation
Office: 704-431-6862

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: March 5, 2019 | Diamond DA62 | S/N: 62-092 | Reg: N149DA
Tech: 59.4 hrs. TTAF: 99.4 hrs.

100 hour inspection completed this date in accordance with Diamond Aircraft DA62 AMM. No 2613 EYE. Secured 264, co-pilot, and passenger door interior door handle and caps with RTV. Repaired bonding strap at rudder attach bell crank. Complied with Diamond MSB 61-0022 by verifying approved software versions on left and right engine. Replaced left and right engine fuel filters. (P/N) WKT24_3.

I certify that this airframe has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Christie Hedrick
Christie Hedrick

A&P 3740465 IA

DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)

NAME/
SIGNATURE

LICENCE:
AME of
AMO/ACA

SA
SouthTecAviation
Office: 704-431-6862

3330 Airport Loop Road
Salisbury, NC 28147
info@southtecaviation.com

Date: August 1, 2019 | DIAMOND AIRCRAFT DA62 | S/N: 62-092 | Reg: N149DA
Tech: 180.7 hrs. TTAF: 180.7 hrs.

ANNUAL/200 HOUR INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES GMBH DA62 AMM. TESTED ELT IN ACCORDANCE WITH CFR 91.207(D). ELT BATTERY EXP. MAY 2024. REPLACED ECU BATTERIES WITH FOUR P/N (C-P127RFP). REPLACED LEFT AND RIGHT ECU FILTERS. P/N (WKT24_3). REPLACED ALTERNATOR CURRENT SENSOR IN RIGHT RACELLE. P/N (045-5665-12-00-DA40). REPLACED LEFT BRAKE LININGS. P/N (006-15000). INSPECTED WHEELS AND SERVICED BEARINGS. PERFORMED NORMAL AND EMERGENCY GEAR SWINGS. NO FAULTS NOTED. REPLACED DAMAGED STRIPS. MAINTENANCE COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES GMBH DA62 AMM. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/200 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

CHRISTIAN HEDRICK

A&P 3740465 IA

N149DA
CAROLINA AVIONICS GROUP, LLC
FAA Approved repair station QCCR389K
Altitude Scale Error
Correction Card

TEST PT (FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-1000	30,000	
0	-70	35,000	
500	40	40,000	
1,000	70	45,000	
1,500	100	50,000	
2,000	130	55,000	
2,500	160	60,000	
3,000	190	65,000	
3,500	220	70,000	
4,000	250	75,000	
4,500	280	80,000	
5,000	310		
5,500	340		
6,000	370		
6,500	400		
7,000	430		
7,500	460		
8,000	490		
8,500	520		
9,000	550		
9,500	580		
10,000	610		
10,500	640		
11,000	670		
11,500	700		
12,000	730		
12,500	760		
13,000	790		
13,500	820		
14,000	850		
14,500	880		
15,000	910		
15,500	940		
16,000	970		
16,500	1000		
17,000	1030		
17,500	1060		
18,000	1090		
18,500	1120		
19,000	1150		
19,500	1180		
20,000	1210		
20,500	1240		
21,000	1270		
21,500	1300		
22,000	1330		
22,500	1360		
23,000	1390		
23,500	1420		
24,000	1450		
24,500	1480		
25,000	1510		

Altitude
Position
Pilot
Copilot

ALT. SN 45300770
DATE 7-6-20

N149DA
CAROLINA AVIONICS GROUP, LLC
FAA Approved repair station QCCR389K
Altitude Scale Error
Correction Card

TEST PT (FT)	Indicator Reading at +25c	TEST	Indicator Reading at +25c
-1,000	-1000	30,000	
0	-70	35,000	
500	40	40,000	
1,000	70	45,000	
1,500	100	50,000	
2,000	130	55,000	
2,500	160	60,000	
3,000	190	65,000	
3,500	220	70,000	
4,000	250	75,000	
4,500	280	80,000	
5,000	310		
5,500	340		
6,000	370		
6,500	400		
7,000	430		
7,500	460		
8,000	490		
8,500	520		
9,000	550		
9,500	580		
10,000	610		
10,500	640		
11,000	670		
11,500	700		
12,000	730		
12,500	760		
13,000	790		
13,500	820		
14,000	850		
14,500	880		
15,000	910		
15,500	940		
16,000	970		
16,500	1000		
17,000	1030		
17,500	1060		
18,000	1090		
18,500	1120		
19,000	1150		
19,500	1180		
20,000	1210		
20,500	1240		
21,000	1270		
21,500	1300		
22,000	1330		
22,500	1360		
23,000	1390		
23,500	1420		
24,000	1450		
24,500	1480		
25,000	1510		

Altitude
Position
Pilot
Copilot

ALT. SN D18-10458
DATE 7-6-20



DATE: JULY 10, 2020 | DIAMOND AIRCRAFT DA62 | S/N: 62.092 | REG: N149DA
TACH: 267.1 HRS. TTF: 267.1 HRS.

ANNUAL/200 HOUR INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH DIAMOND AIRCRAFT DA62 AMM.
NO AD'S DUE AT THIS TIME.
ELT TESTED LEFT AND RIGHT ECU BACKUP BATTERIES, P/N: (LC-R127R2PG), EXP: JULY 2021.
REPLACED LEFT AND RIGHT FUEL FILTERS, P/N: (WK724_3).
REPLACED LEFT AND RIGHT FUEL BEARINGS.
INSPECTED WHEELS AND SERVICED EMERGENCY EXTENSION, NO FAULTS NOTED.
PERFORMED GEAR SWING AND TESTED EMERGENCY EXTENSION, NO FAULTS NOTED.
SERVICED LEFT AND RIGHT AIR FILTERS.
REPLACED STATIC LINE FILTER/WATER TRAP, P/N: (207.095.002KL13).
IFR CERTIFICATION COMPLETED BY CAROLINA AVIONICS.
DIAMOND AIRCRAFT MSB 62-026 INSPECTION OF BONDING CABLES IN ENGINE INSTALLATION COMPLETED WITH WORK COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT WI-MSB 62-026, DATED SEPTEMBER 20, 2019. NO FAULTS NOTED. NO FURTHER ACTION REQUIRED.
DIAMOND AIRCRAFT MSB 62-027 MODIFICATION TO THE INSTALLATION OF THE STATIC PORTS COMPLETED WITH WORK COMPLETED IN ACCORDANCE WITH DIAMOND WORK INSTRUCTION DIAMOND AIRCRAFT WI-MSB 62-027, DATED SEPTEMBER 20, 2019. NO FURTHER ACTION REQUIRED.
DIAMOND AIRCRAFT MSB 62-030 COWLING LIGHTNING PROTECTION COMPLETED WITH WORK COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT WI-MSB 62-030, DATED MARCH 23, 2020. NO FURTHER ACTION REQUIRED.
DIAMOND AIRCRAFT OSB 62-033 INSTALLATION OF THE GARMIN GTX 345R (ADS-B IN AND OUT) TRANSPONDER COMPLETED WITH REMOVED GTX 335R, P/N: (011-03301-00) S/N: (3EF020089). INSTALLED GTX 345R, P/N: (011-03303-00) S/N: (3EH027909) AND INSTALLED, P/N: (OSB-62-033-KIT), WORK COMPLETED IN ACCORDANCE WITH WI-OSB 62-033, DATED MARCH 20, 2020. NO FURTHER ACTION REQUIRED.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/200 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

CHRISTIAN HEDRICK

A&P 3740465 IA

FAR 91.411
ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43

ALTIMETER CERTIFIED TO

LEFT	RIGHT
FEET	FEET
20,000	20,000

S/N: 45300770 S/N: D18-10458

DATE: 7-6-2020 WFO INSPECTOR: Richard Ellington

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR-389K

FAR 91.413
THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.

TRANSPONDER MAKE:	MODEL:	S/N:
#1 Garmin	GTX345R	3EH027909
TRANSPONDER MAKE:	MODEL:	S/N:
#2		

DATE: 7-6-2020 WFO INSPECTOR: Richard Ellington

CAROLINA AVIONICS GROUP, LLC
FAA APPROVED REPAIR STATION # QCCR-389K

Blue Line Technical Services, LLC
3149 B Swift Creek Rd.
Smithfield NC, 27577

Airframe

Make: Diamond	Model: DA62	Serial No: 62.092	Tach: 283.8
Reg No: N149DA			TT Adjust: 0
			Total Time: 283.8

WORK PERFORMED:

Performed Pre-buy inspection. Inspected engine areas. Inspected propellers. Inspected flight controls, push rods, and bolt/crank assemblies. Inspected landing gear. Tightened screw on LH front door latch plate. Ground run and ops checks good.

Robert T Robinson III A&P 4074592
Name/ Certificate No. Signature

12/21/2020
Date

RELIABLE JET MAINTENANCE, LLC.
3900 AIRPORT RD. HANGAR 1, BOCA RATON, FL 33431

Date:
Work Order:
Aircraft Total Hobbs:

February 06, 2021
21-20315
62.092

Registration:
Aircraft S/N:

N149DA
DA62

561-417-3834

Performed the following Maintenance:

1. Complied with replacement of LH main tire [PN OFF: 606C86-6] [S/N OFF: 70552378] and installed a new tire [P/N: 606C86-6] [S/N: 03110112] with new tube [P/N: 302246401]. Serviced tire to proper pressure. Work performed with reference to Diamond Aircraft MM 07-10-00, 32-40-00, 12-10-00.
2. Complied with replacement of RH main tire [PN OFF: 606C86-6] [S/N OFF: 70552374] and installed a new tire [P/N ON: 606C86-6] [S/N ON: 03110140] with new tube [P/N: 302246401]. Serviced tire to proper pressure. Work performed with reference to Diamond Aircraft MM 07-10-00, 32-40-00, 12-10-00.

I certify that the aircraft identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved to the return to service with the work performed.

Dave Roberts A&P

For
Reliable Jet Maintenance, LLC.
Created By: MF

SA
SouthTecAviation

3330 AIRPORT LOOP
SALISBURY NC 28147
INFO@SOUTHTECAVIATION.COM
OFFICE: 704-431-6882

DATE: FEBRUARY 10, 2021 | DIAMOND DA62 | S/N: 62.092 | REG: N149DA
TACH: 312.3 HRS. TTAF: 312.3 HRS.

DIAMOND AIRCRAFT MSB 62-0362 USE OF AFM DOC. NO. 11.01.05-E COMPLIED WITH. WORK COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT MSB 62-036, DATED AUGUST 24, 2020. REPLACED AFM 7.01.25-E WITH AFM 11.01.05-E. NO FURTHER ACTION REQUIRED.

DIAMOND AIRCRAFT MSB 62-037 TRANSFER TO TYPE CERTIFICATE A00012NY COMPLIED WITH. WORK COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT MSB 62-037, DATED SEPTEMBER 10, 2020. NO FURTHER ACTION REQUIRED.

FC 62-010 ISSUANCE OF TYPE CERTIFICATE A00012NY COMPLIED WITH. WORK COMPLETED IN ACCORDANCE WITH FACTORY CAMPAIGN FC 62-010 REV. 5. INSTALLED NEW SUPPLEMENTAL TYPE DATA PLATE.

ALL WORK COMPLETED IN ACCORDANCE WITH DIAMOND AIRCRAFT INDUSTRIES GMBH DA62 AMM.

ARTEM GONCHAROV

A&P 4167681

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RELIABLE JET MAINTENANCE, LLC.
3900 AIRPORT RD. HANGAR 1, BOCA RATON, FL 33431

561-417-3834

Date:
Work Order:

February 8, 2021
21-20315

Registration:
Aircraft S/N:

N149DA
62.092

AIRFRAME LOG ENTRY (REVISED)

Performed the following Maintenance:

1. Removed LH tire assembly [P/N: 606C86-6, S/N: 70552378], installed new tire [P/N: 606C86-6, S/N: 03110112] and new tube [P/N: 302246401] per Diamond AMM ch. 07-10-00, 12-10-00, & 32-40-00.
2. Removed RH tire assembly [P/N: 606C86-6, S/N: 70552374], installed new tire [P/N: 606C86-6, S/N: 03110140] and new tube [P/N: 302246401] per Diamond AMM ch. 07-10-00, 12-10-00, & 32-40-00.

The aircraft described in Work Order 21-20315 is certified airworthy and approved for return to service for work performed in accordance with current Federal Aviation Regulations.

David Roberts (A&P 3557188)

Created By: WII

MADE: Diamond
MODEL: DA62
S/N: 62.092
REG. NO.: N149DA
WORK ORDER:
606C86-6

Premier
Aircraft Service

Premier Aircraft Service, Inc.
3540 NW 2nd Avenue, Hangar 14
Fort Lauderdale, FL 33308
Phone: (954) 334-2383

DATE: 4/21/2021
A/C TSN: 330.3
TACH: 330.3

Aircraft Entries

- (1) REPLACED LH AND RH AUX FUEL TANK DRAIN VALVES WITH NEW PN CAP-180 IAW DA62 MM CH 28-10. NO LEAKS DETECTED AT THIS TIME.
- (2) PERFORMED O100000 SYSTEM DIAGNOSTIC AND DATA PATH TEST FOUND GWX1 AND GOLF1 HS08 OFF. ENABLED HS08 PORTS. PERFORMED GWX10 RADAR CAL AND GROUND CHECKTEST NO FAULTS NOTED IAW GARNETAMONHO 0100000 LINE MAINT MANUAL 190-02861-00 REV.1 SECTIONS 7.11 AND 9.8.

DATE: 4/21/2021

SIGNED:

EMMANUEL VICIOSO
CRS 9P044028

Work Order: 9329-04-2021

Printed by Elia 3 (datscomedia.com)

MADE: Diamond
MODEL: DA62
S/N: 62.092
REG. NO.: N149DA
WORK ORDER:
606C86-6

Premier
Aircraft Service

Premier Aircraft Service, Inc.
3540 NW 2nd Avenue, Hangar 14
Fort Lauderdale, FL 33308
Phone: (954) 334-2383

DATE: 8/10/2021
A/C TSN: 330.1
TACH: 330.1

Aircraft Entries

- (2) REPLACED LH TIRE WITH NEW GOODFAR FLIGHT CUSTOMS 18.600-8, 8 PLY S/N 11140213 AND NEW INNER TUBE PN M000-6 IAW DA62 AMM CH 32-40-00
- (3) FLUSHED LH AND RH WING FUEL TANKS. REPLACED LH AND RH WING FUEL CAP SEALS AND FUEL STRAINERS WITH NEW. ALL WORK PERFORMED IAW DA62 MM CH 28-00
- (4) SERVICED ALL LANDING GEAR DAMPERS WITH NITROGEN IAW DA62 AMM CH 32-00-00.

DATE: 5/15/2021

SIGNED:

EMMANUEL VICIOSO
CRS 9P044028

Work Order: 9329-06-2021

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NO AD'S DUE AT THIS TIME.

ELT TESTED IN ACCORDANCE WITH CFR 91.207(d). EXP: **MAY 2024**

REPLACED LEFT AND RIGHT ECU BACKUP BATTERIES, P/N: (LC-RA1212P1). EXP: **JULY 2022**

INSPECTED LEFT AND RIGHT FUEL FILTERS, P/N: (WK724_3).

PERFORMED GEAR SWING AND TESTED EMERGENCY EXTENSION, NO FAULTS NOTED.

SERVICED LEFT AND RIGHT AIR FILTERS.

MADE MINOR COMPOSITE AND PAINT REPAIR TO LEFT NACELLE IN BOARD SIDE WHERE PAINT WORN THROUGH FROM COWLING. MADE MINOR PAINT REPAIR TO PAINT CHIPS ON AFT SIDE OF EXTERNAL POWER SUPPLY PLUG. MADE MINOR PAINT REPAIR TO PILOT AND COPILOT DOORS FORWARD LATCHES WHERE THEY HAVE RUBBED THROUGH PAINT IN FUSELAGE DOOR JAM. REATTACHED COPILOT AFT DOOR HANDLE END CAP.

ALL MINOR COMPOSITE AND PAINT REPAIRS MADE IN REFERENCE TO CHAPTER 51 OF THE AMM.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

Timothy Dale Jordan
TIMOTHY DALE JORDAN

A&P 3264477 IA

PAGE
TOTALS

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Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 478-0 Date: 12/28/2021

200 hour inspection completed this date in accordance with Diamond aircraft DA62 AMM.

1. Serviced right and left air filters.
2. Replaced right and left fuel filters P/N WK724_3.
3. Serviced ships battery and performed capacitance test. Battery failed capacitance test. Installed new battery P/N RG24-15M S741295284.
4. weighed fire extinguisher and found to be below limits. Installed new fire extinguisher P/N DAI-9026-20-02
5. Serviced nose and main landing gear wheel bearings.
6. Found right and left brake linings worn beyond limits and right brake disc worn beyond limits. Installed new brake linings on the left and right brakes P/N 066-15500 with new rivets on the right-side P/N 177-00300 and new brake disc P/N 164-25700.
7. All AD's complied with through 2021-25

I certify that this airframe has been inspected in accordance with a 100 inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

D. Bosse
Darrah Bosse A&P 4439862
GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP.GALVINFLYING.COM



Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 579-2 Date: 4/11/2022

1. 100 hour inspection completed this date in accordance with Diamond aircraft DA62 AMM.
2. Serviced right and left air filters.
3. Replaced right and left fuel filters P/N WK724_3.
4. weighed fire extinguisher and found to be in limits.
5. Found right and left brake linings worn beyond limits and right brake disc worn beyond limits. Installed new brake linings on the left and right brakes P/N 066-15500 with new rivets on the right-side P/N 177-00300 and new brake disc P/N 164-25700 on left side.
6. Adjusted co-pilot door latch switch to provide better indication.
7. Adjusted LH second row seatback release to allow for it to fully tilt forward
8. Patch made on the co-pilot side window to cover crack. Work performed per AC43.13-B Section 3.20.
9. Replaced broken ground strap in nose wheel well with new fabricated strap. Operations check satisfactory.
10. Replaced missing vortex generator on right side with new, applied Loctite SF7387 activator and Loctite AA330 adhesive with no defects noted.

All AD's complied with through 2022-07

I certify that this airframe has been inspected in accordance with a 100 inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

D. Bosse
Darrah Bosse A&P 4439862
GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706

Section 1: Airframe Log

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

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENTS)

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Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 629.4 Date: 5/15/2022

Performed 600 hour time limit replacement of coolant. Drained engine coolant and serviced with Zeres G48 referencing Diamond DA62 maintenance manual. Next due at tach: 1229.4
D.D.B. Darrah Bosse A&P 4439862

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GALVIN FLYING
TAKE FLIGHT. OPPORTUNITIES FOR LIFE

Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 629.4 Date: 6/27/2022

- 300 hour inspection completed this date in accordance with Diamond aircraft DA62 AMM.
- Serviced right and left air filters.
- Replaced right and left fuel filter P/N WK724.3.
- Removed right and left ECU batteries and replaced with new P/N NP7-12
- Serviced nose and main landing gear wheel bearings.
- Performed drain hole inspections with no defects noted.
- Applied chafe protection tape to inboard leading edge of left nacelle, outboard leading edge of right nacelle, and co-pilot door aft locking area.
- Cleaned TKS leading edges using TKS fluid and a lint free cloth.
- Fabricated new ground strap for the nose landing gear to airframe. Resecured and torqued per Diamond AMM
- Found right and left brake linings worn beyond limits. Installed new brake linings on the left and right brakes P/N 066-15500 with new rivets on the left-side P/N 177-00300.

All AOS's completed with through 2022-13
I certify that this airframe has been inspected in accordance with a 100 inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

D.D.B. Darrah Bosse A&P 4439862

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PAGE
TOTALS

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GALVIN FLYING
TAKE FLIGHT. OPPORTUNITIES FOR LIFE

Registration: N149DA Model: DA-62 Serial: 62-092 TACH: 701.0 Date: 7/5/2022

- Removed AFT section of seat belt from second row and replaced with new P/N S-02-BIS701 rev A. All work performed Referencing Diamond AMM.
- Fabricated ground strap for nose landing gear to airframe. Work performed referencing Diamond AMM
- Checked tire pressure and serviced as required. Work performed referencing Diamond AMM

D.D.B. Darrah Bosse A&P 4439862
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GALVIN FLYING
TAKE FLIGHT. OPPORTUNITIES FOR LIFE

Registration: N149DA Model: DA-62 Serial: 62-092 Tach: 719 Date: July 29, 2022

performed brake servicing with no defects noted. All work was performed in reference to applicable maintenance manuals and AC43-13-1b
A&P/IA 3899801
Gabrielle Gonzalez
GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM

DUNCAN
AVIATION

Eng. # N149DA
Make: Diamond Aircraft
Type: DA62

Date: 06/04/2022
Model: DA62

Customer: Galvin
SN: 62-092

The altimeter system & altitude reporting equipment tests & inspections required by paragraph (a) (1), Title 14 CFR Part 91.411 have been performed & found to comply with Appendix E, Title 14 CFR Part 43.
Pilot Airframe P/N: UNKN tested to: 20,000 ft, date cert 8/4/2022.
Standby Altimeter P/N: 6420302-1 S/N: D17-10458 tested to: 20,000 ft, date cert 8/4/2022.

The ATC transponder's tests and inspection required by paragraph (a) Title 14 CFR Part 91.413 have been performed & found to comply with Appendix F, Title 14 CFR Part 43 and paragraph (c) Appendix E, Title 14 CFR Part 43 and is approved for return to service.

The above described repair or maintenance is approved for return to service. A detailed record is on file under work order # 9387A.

Signed: Robert Nicholson
Per Duncan Aviation CRSA JG780761 Phone: 206-764-3962

Section 1: Airframe Log

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

DETAILS OF TASK
(INSPECTION, REPAIRS & REPLACEMENTS)



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 731.1 AFT: 731.1
Date: 09/14/2022

- Updated AD compliance list through 2022-18.
- Lubricated airframe hinges, bushing, landing gear, and engine controls in ref to DA-42 AMM. Work performed by Jinho Jeon and Seungwon Oh.
- Performed ELT functional check per FAR 91.207(d) and Kanrad 406 manual, functional check failed. Replaced and DA62 AMM. Battery due 05/2024. Work performed by Sangmyoung Lee and Jinho Jeon.
- Checked and adjusted elevator trim friction damper and safetied ref. DA62 AMM. Work performed by Seungwon Oh.
- Performed operational test of the de-ice system, no defects noted. Serviced de-icing fluid with 28 liters of TKS fluid. Work done in ref. to DA62 AMM. Work performed by Seungwon Oh.
- Removed and replaced RH axle fuel tank placard with new PN D67-1124-20-23 ref. DA62 AMM. Work performed by Seungwon Oh.
- Inspected all wheel bearings, no defects noted. Serviced all wheel bearings and reinstalled, retightened, torqued, and safetied as necessary ref. DA62 AMM. Work performed by Seungwon Oh and Jinho Jeon.
- Removed and replaced LH and RH fuel filter with new PN WK7242. Torqued and safetied as required ref. DA62 AMM. Work performed by Seungwon Oh.
- Removed and replaced chafe tape on both pilot and copilot forward door lock guide skirt as necessary ref. AC43-18. Work performed by Fidet Oshung.
- Removed and replaced worn RH mainline with new tire PN 600C8-6 and new tube PN 002-500-0 ref. DA62 AMM. Work performed by Seungwon Oh.
- Removed and replaced both worn RH and LH brake linings with new PN 066-15500 ref. DA62 AMM. Work performed by Seungwon Oh and Jinho Jeon.
- Replaced stripped screws on second row middle seat panel with new PN IS0380-MX16-A2 as necessary. Work performed by Seungwon Oh.
- Replaced stripped screw on LH slipper with serviceable screw as necessary. Work performed by Seungwon Oh.
- Inspected and operation checked physically on flap control rod rollers near aux fuel tank nozzle, no discrepancy noted. Work performed by Sangmyoung Lee and Seungwon Oh.
- Inspected and operation checked physically on elevator control rod rollers at aft fuselage, no discrepancy noted. Work performed by Sangmyoung Lee.

I certify that this airframe has been inspected in accordance with an Annual inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

[Signature]

Sangmyoung Lee AP3883362IA

GALVIN FLYING | 7001 PLYMOUTH ROAD S, SEATTLE, WA 98148 | 206.763.9706 | 206.763.9706



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 730.4 Date: 10/05/2022

- Removed and replaced LH fuel tank and RH aux fuel tank drain valve with new PN D44-9028-17-01, PN 05-0186 CAV-180 and torqued and safetied ref. DA62 AMM. No leaks noted at this time.

[Signature]

Sangmyoung Lee AP3883362IA

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Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 788.3 Date: 11/10/2022

- Disassembled de-ice system and placarded "DEVICE INOP"

Sangmyoung Lee AP3883362IA

GALVIN FLYING | 7001 PLYMOUTH ROAD S, SEATTLE, WA 98148 | 206.763.9706 | 206.763.9706



Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 791.3 Date: 11/17/2022

- Drained TKS fluid. Removed old TKS pump 2 PN 9513U-1, 5N CAV18ER23 and replaced with new PN 9513U-1, 5N CAV18ER23. Reinstalled and reconnected all the parts, hoses, and electrical wires, and secured and safetied as necessary. Reinstalled TKS pump panel and refilled TKS fluid. Leak checked and bled the TKS system. Ops checked Sangmyoung Lee and Jinho Jeon.

Sangmyoung Lee AP3883362IA

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Section 1: Airframe Log

DATE

AIR TIME

LANDINGS / CYCLES



GALVIN FLYING
TAKE FLIGHT, OPPORTUNITIES FOR LIFE

Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 875 AFTT: 875 Date: 01/05/2023

- Updated AD compliance list through 2022-27.
- Lubricated airframe hinges, bushing, landing gear, and engine controls in ref to DA 62 AMM. Work performed by Robert Growdon.
- Checked and adjusted elevator trim friction ref. DA 62 AMM.
- Performed operational test of the de-ice system, no defects noted. Work done in ref. to DA 62 AMM. Serviced De-icing fluid with 7.5 liters of TKS fluid. Work performed by Darrah Bosse and Matsuoka Kenya.
- Inspected all wheel bearings, no defects noted. Serviced all wheel bearings and reinstalled, secured, torqued, and safetied as necessary ref. DA 62 AMM. Work performed by Fidel Chishungu and Robert Courts.
- Removed and replaced LH and RH fuel filter with new PN WK724/3. Torqued and safetied as required ref. DA 62 AMM. Work performed by Robert Courts.
- Removed and replaced RH fuel drain valve on fuel filter with new PN CAV-180 ref. DA 62 AMM. Secured and safetied as necessary.
- Removed and replaced worn both main brake rotors with new PN 164-25700. Removed and replaced worn brake linings with new PN 066-15500. Removed and replaced worn both main brake lining pins (3 pins on each pressure plate) with new PN 177-0 ref. DA 62 AMM. All work done in ref. with DA62 AMM performed by Fidel Chishungu.
- Performed drain hole inspection ref. DA 62 AMM. No discrepancy noted at this time. Work performed by Alberto Vasquez.
- Removed and replaced both air filters with new PN BU-1820 ref. DA 62 AMM section 71-50-00. Work performed by Christopher Smith.
- Installed new LH jack-point plate with new PN DV2-1200-00-02 ref. AC43.13-1B.
- Checked anti-corrosion coatings ref. DA 62 AMM Ch 12-30-00 R7. Anti-corrosion coatings need re-coat on the area: LH flap aft and forward rod eyes, LH and RH aileron aft rod eyes, lower aft rudder control rod eyes, nose gear hydraulic actuator aft rod eye, nose wheel fork, nose landing gear door hinges and screws on door, nose landing gear door be done at a later maintenance.
- Removed pilot and copilot door panel and inspected. Installed serviceable spacer on pilot and copilot door lock arms. Ops checked okay at this time. All work done in ref. with DA 62 AMM and AC43.13-1B.
- Disconnected LH main landing gear door and landing gear. Cleaned LH main landing gear hydraulic actuator and inspected by swinging the gear several times, no leaks and discrepancies noted at this time. Reconnected LH main landing gear door and landing gear and secured ref. DA62 AMM.

I certify that this airframe has been inspected in accordance with an Annual Inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

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Sangmyoung Lee AP3883362IA

CARRY FORWARD to Top of Next Page

10b

NAME / SIGNATURE

LICENCE / AME-PI / AMO/ACA



GALVIN FLYING
TAKE FLIGHT, OPPORTUNITIES FOR LIFE

Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 875 AFTT: 875 Date: 04/17/2023

- Updated AD compliance list through 2023-08.
- Lubricated airframe hinges, bushing, landing gear, and engine controls in ref to DA62 AMM. Work performed by Jesook Seo.
- Performed 100hr drain hole inspection ref. DA62 AMM, no discrepancy noted at this time. Work performed by Jesook Seo.
- Checked and adjusted elevator trim friction damper and safetied ref. DA62 AMM.
- Performed operational test of the de-ice system, no defects noted. Work done in ref. to DA62 AMM. Work performed by Jesook Seo and Sangmyoung Lee.
- Inspected all wheel bearings, no defects noted. Serviced all wheel bearings and reinstalled, secured, torqued, and safetied as necessary ref. DA62 AMM. Work performed by Sangmyoung Lee, Jesook Seo, Seungwon Oh, and Julius Brinkis.
- Removed and replaced LH and RH fuel filter with new PN WK724/3. Torqued and safetied as required ref. DA62 AMM. Work performed by Jesook Seo.
- Removed and replaced chafe tape on both pilot forward door lock guide skin as necessary ref. AC43.13-1B. Work performed by Jesook Seo.
- Removed and replaced worn LH main tire with new tire PN 606CB6-6 ref. DA62 AMM. Work performed by Jesook Seo and Julius Brinkis.
- Removed and replaced both worn RH and LH brake linings with new PN 066-15500 and 2 brake lining pins on RH pressure plate with new PN 177-0R300 ref. DA62 AMM and Cleveland Wheels and brake. Work performed by Seungwon Oh, Jesook Seo, and Julius Brinkis.
- Replaced stripped screws on second row seat panels and pilot seat panel with new PN ISO7380-MSX16-A2 as necessary. Work performed by Seungwon Oh.
- Replaced stripped screw on aft baggage compartment panel with new screw and nut-plates PN LN29985-A05. Work performed by Jesook Seo.

I certify that this airframe has been inspected in accordance with an Annual Inspection as described in CFR 14 Part 43 Appendix D and has been found to be in an airworthy condition at this time.

Galvin Flying | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM
Sangmyoung Lee AP3883362IA



GALVIN FLYING
TAKE FLIGHT, OPPORTUNITIES FOR LIFE

Registration: N149DA Make: Diamond Model: DA62 Serial: 62-092 Tach: 877.6 AFTT: 877.6 Date: 05/09/2023

- Replaced excitation batteries with new PN NP1.2-12. Removed aft relay cover and removed and replaced bad diode with new PN 6A10. Resecured all electrical wires and relay cover. Work performed by Sangmyoung Lee.
- Removed alternator located at LH engine and inspected brushes in the alternator. Found brushes are faulty. Re-installed alternator back to the engine.

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Jinho Jeon AP4059325

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							



Registration: N149DA Model: DA-62 Serial: 62.092 TACH:889.8 Date: 6/14/2023

Removed AUX alternator and replaced brush block and replaced with new P/N ALU-304BS. Reinstalled AUX alternator onto the engine. Removed AUX alternator voltage regulator P/N VR2000-28-1 S/N 80Q01107 and replaced with new P/N VR2000-28-1 S/N 80Y10908. Performed ground run with no defects noted. All work performed per Diamond AMM and Austro MM.

D. Bosse

Darrah Bosse A&P 4439862

GALVIN FLYING | 7001 PERIMETER ROAD S, SEATTLE, WA 98108 | 206.763.9706 | SHOP@GALVINFLYING.COM

Date: 06/28/2023

Reg: N149DA

Tach: 905.0

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced right main tank and right nacelle tank fuel drains with new CAV-180 drain assemblies. Torqued, safety wired, no leaks observed.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting

A&P3164534



ZEFTING AVIATION

Date: 07/03/2023

Reg: N149DA

Tach: 905.0

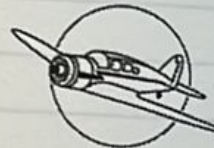
Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced right main tire with new Good Year Flight Custom III, 6.00x6, 8ply. P/N606C86-6 S/N 31130003 Inflated to 55psi.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting

A&P3164534



ZEFTING AVIATION

Date: 09/28/2023

Reg: N149DA

Tach: 926.0

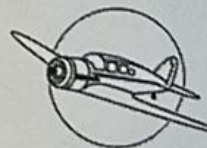
Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced left and right main tires with new Good Year Flight Custom III, 6.00x6, 8ply. P/N606C86-6 S/N 31130003, Inflated to 55psi per chapter 34-40-00
- Replaced Pitot assembly with new PT-305 per chapter 34-10-10.
- Replaced Outer Flap Assembly LH with new D67-5753-00-02, utilizing new roll pins DIN1481-1.5X10-A2 (qty 6) and PIN, FLAP D20-5711-00-01 (qty 1). Per chapter 57-50-00
- Installed Prohibition touch placard on LH Outer Flap.
- Replaced tail skid with new p/n D60-5183-00-61, hex socket screws ISO4762-M6X25-A4 (qty 3) and nuts DIN985-M6-A2.
- Replaced left and right Jackpoint Base DV2-1200-00-02, installed using DC 732 per Diamond technical recommendation.
- Replaced Pivot D60-3237-11-33 on right main downlock assembly with two retaining rings DIN471-20-INOX per chapter 32-10-00.
- Replaced Left MLG drag brace assembly with new D67-3237-01-00 per chapter 32-10-00.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3. Post rnx test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting

A&P3164534



ZEFTING AVIATION

RH 100hr Annual

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

Date: 10/01/2023
Reg: N149DA
Tach: 926.1

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Performed ELT functional check per FAR 91/207(d) and Kannad 406 manual. Next Due 10/2023. Battery Due 05/2024.



ZEFTING
AVIATION

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Date: 10/01/2023

Reg: N149DA

Tach: 926.1

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Performed ELT functional check per FAR 91/207(d) and Kannad 406 manual. Next Due 10/2024. Battery Due 05/2024.

ZEFTING
AVIATION

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534

Date: 10/06/2023

Reg: N149DA

Tach: 928.1

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Performed a corrosion treatment inspection of the airframe per chapter 12-30-00 of the MM.
- Cleaned all surfaces in the Anti-Corrosion Coating Checklist with Sur-Prep 3160 and subsequently treated with Cor-Ban 35.

ZEFTING
AVIATION

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534

Date: 10/16/2023

Reg: N149DA

Tach: 935.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced both nose baggage compartment gas spring assemblies, p/n D60-5231-52-00.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534ZEFTING
AVIATION

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced both nose baggage compartment gas spring assemblies, p/n D60-5231-52-00.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534

Date: 11/14/2023

Reg: N149DA

Tach: 969.0 AFTT: 969.0

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Performed a 100hr/Annual inspection per MM Chapter 05-28-00
- Left and Right ECU backup batteries replaced with new NP7-12. **Next Due 11/2024**
- Performed a test of the electrical bonding system per chapter 51-80-00. **Next Due 1969.0 or 11/2027.**
- Cleaned, inspected and greased all wheel bearings with SHC-100
- Tightened and replaced missing hardware at forward armrest/keypad.
- Replaced all brake linings with new 066-15500.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3. Post mx test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

I certify that this AIRCRAFT has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Brett Zefting
A&P3164534IA



**ZEFTING
AVIATION**

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							

Date: 02/17/2024

Reg: N149DA

Tach: 1044.2 AFTT: 1044.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced electrical connectors at left fuel tank quantity probe connection with environmentally sealed style connectors.
- Bonded pilot side canopy vent catch with Acifix 192.
- Replaced left main tire with new Goodyear 606C86-6 tire and G15/6.00-6 tube. Serviced to 55psi.
- Replaced left brake insulator shim with new RA068-01100.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

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)

Date: 02/17/2024

Reg: N149DA

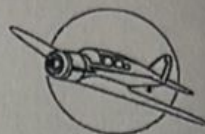
Tach: 1044.2 AFTT: 1044.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced electrical connectors at left fuel tank quantity probe connection with environmentally sealed style connectors.
- Bonded pilot side canopy vent catch with Acrifix 192.
- Replaced left main tire with new Goodyear 606C86-6 tire and G15/6.00-6 tube. Serviced to 55psi.
- Replaced left brake insulator shim with new RA068-01100.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

Date: 03/25/2024

Reg: N149DA

Tach: 1044.2 AFTT: 1044.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced left fuel probe with p/n D64-2817-13-00-ASY s/n RC2304515 IAW WI-OSB 62-040 Rev 0.
- The following parts were installed in association with the above work: TKS manifold o-ring S2800-942 x3, Sleeve MN101-20, Connector 282087-1, Contact (3) 183035-1, Seal (3) 281234-3.
- Leak and ops check normal.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

PAGE
TOTALS

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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)

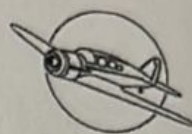
Date: 02/17/2024
Reg: N149DA
Tach: 1044.2 AFTT: 1044.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced electrical connectors at left fuel tank quantity probe connection with environmentally sealed style connectors.
- Bonded pilot side canopy vent catch with Acrifix 192.
- Replaced left main tire with new Goodyear 606C86-6 tire and G15/6.00-6 tube. Serviced to 55psi.
- Replaced left brake insulator shim with new RA068-01100.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

Date: 03/25/2024
Reg: N149DA
Tach: 1044.2 AFTT: 1044.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced left fuel probe with p/n D64-2817-13-00-ASY s/n RC2304515 IAW WI-OSB 62-040 Rev 0.
- The following parts were installed in association with the above work: TKS manifold o-ring S2800-942 x3, Sleeve MN101-20, Connector 282087-1, Contact (3) 183035-1, Seal (3) 281234-3.
- Leak and ops check normal.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

Date: 04/22/2024
Reg: N149DA
Tach: 1067.8 AFTT: 1067.8

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Performed a 100hr/Annual inspection per MM Chapter 05-28-00
- Cleaned, inspected and greased all wheel bearings with SHC-100.
- Replaced all brake linings with new 066-15500.
- Complied with AD 2023-22-18 by inspection of date of manufacture, Not applicable.
- Complied with AD 2024-07-03 by re-torque of the horizontal stabilizer attachment bolts to 45Nm IAW WI-MSB-62-052
- Complied with MSB62-051/1 landing gear circlip replacement.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3. Post mx test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

I certify that this AIRCRAFT has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Brett Zefting
A&P3164534IA



ZEFTING
AVIATION

PAGE
TOTALS

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Date: 06/17/2024

Reg: N149DA

Tach: 1108.5 AFTT: 1108.5

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Pilot reported slight loss of power on climbout, right engine, when fuel pumps turned off.
- Performed data log download of right engine and confirmed slight decrease from normal fuel pressure during flight.
- Removed right wing fuel vent access panel and found aft vent tube may have been restricted; reinstalled fuel vent access panel while confirming proper alignment with boroscope.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3. Post mx test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



**ZEFTING
AVIATION**

Date: 05/29/2024
Reg: N149DA
Tach: 1085.0 AFTT: 1085.0

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced ELT battery with new p/n S1840510-01, s/n TM0000306976. Exp 05/2030.
- ELT inspected per 91.207(d) Next Due 05/2025
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



1 Approving competent Authority / Country DIRECTION GENERALE DE L'AVIATION CIVILE. FRANCE		2			3 Form Tracking Number CLP/24-01393	
4 Organisation Name and Address : SAFRAN ELECTRONICS & DEFENSE BEACONS SAS Zone Industrielle des Cinq Chemins 56520 Guidel (France)				5 Work Order / Contract / Invoice : 148931		
6 Item	7 Description	8 Part No.	9 Qty	10 Serial No.	11 Status / Work	
1	KIT BAT 200	P/N : S1840510-01 (Amdt : F)	1	TM0000306976	New	
12 Remarks Battery expiration date : 05/2030 SEE ENCLOSED ITEM LIST AS PART OF ELT KANNAD 406 AF-COMPACT TSO LODA N°TF/sn/11/24/2008-454 / ETSOA N°EASA.210.818 AND INTEGRA FAMILY TSO LODA N°TP/sn/3/24/2011-588 / ETSOA N° EASA .210.1265						
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 Authorization number : CLP		13c Approval / Authorisation Number FR.21G.0132		14b Authorised Signature		
13d Name Enora BAUGUION		13e Date (dd mmm yyyy) 27 feb 2024		14c Certificate / Approval Ref. Number		
14d Name		14e Date (dd mmm yyyy)				
USER / INSTALLER RESPONSABILITIES 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.						

Date: 09/05/2024

Reg: N149DA

Tach: 1127.2 AFTT: 1127.2

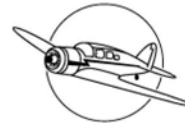
Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced left fuel probe with p/n D64-2817-13-00-ASY IAW WI-OSB 62-040 Rev 0.
- The following parts were installed in association with the above work: TKS manifold o-ring S2800-942 x3, Sleeve MN101-20.
- Fabricated and installed new nose gear to fuselage bonding strap.
- Leak and ops check normal.
- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting

A&P3164534



**ZEFTING
AVIATION**

Date: 06/17/2024
Reg: N149DA

Tach: 1108.5 AFTT: 1108.5

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Pilot reported slight loss of power on climbout, right engine, when fuel pumps turned off.

- Performed data log download of right engine and confirmed slight decrease from normal fuel pressure during flight.

- Removed right wing fuel vent access panel and found aft vent tube may have been restricted; reinstalled fuel vent access panel while confirming proper alignment with boroscope.

- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3. Post mx test flight revealed normal operations.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

I Certify that the altimeter system and altitude reporting equipment in this aircraft have been tested as required by FAR 91.411 and found to comply with Appendices E and F of Part 43.

#1 Model: ATC 72 S/N: 455000770

#2 Model: SAM S/N: D17-10458

#3 Model: ATC 72 S/N: 455000770

Encoder Model #: 20000 Feet

Altimeter Tested To: 20000 Date: 06/27/2024

W/O #: 2512

Insp: Zach
Waypoint Avionics LLC FAA CRS #4WPR747D

I certify that the transponder in this aircraft has been tested and meets The requirements of FAR 91.413 and FAR 43 Appendix F.

#1 Model: 6TX 34512 S/N: 3EH027909

W/O #: 2512

Date: 06/27/2024

Insp: Zach
Waypoint Avionics LLC FAA CRS #4WPR747D

Date: 09/05/2024

Reg: N149DA

Tach: 1127.2 AFTT: 1127.2

Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced left fuel probe with p/n D64-2817-13-00-ASY IAW WI-OSB 62-040 Rev 0.

- The following parts were installed in association with the above work: TKS manifold o-ring S2800-942 x3, Sleeve MN101-20.

- Leak end ops check normal.

- Fabricated and installed new nose gear to fuselage bonding strap.

- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Brett Zefting
A&P3164534



ZEFTING
AVIATION

Date: 11/22/2024

Reg: N149DA

Tach: 1138.3 AFTT: 1138.3

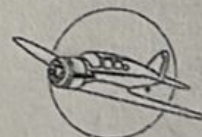
Airframe: DIAMOND AIRCRAFT IND GMBH DA 62 S/N: 62.092

- Replaced ecu backup batteries with (4) new NP7-12.

- All work performed IAW Airplane Maintenance Manual 07.02.25 Rev 3.

This aircraft and/or component(s) identified above was/were repaired and/or inspected per current Regulations of the Federal Administration and found to be airworthy in respect to the work performed, subsequently approved for return to service.

Christian Maas
A&P4852159



ZEFTING
AVIATION