

# AIRCRAFT TECHNICAL RECORD

## Section 1. AIRFRAME LOG

## AIRCRAFT DATA

1. Nationality & Registration
2. Manufacturer's Designation  
(Make & Model)
3. Manufacturer's Serial  
Number
4. Type Approval or  
Specification Number
5. Date of Manufacture
6. Aircraft Inspection Cycle

USA N629M1

DA 62

62.091

A57CE

August 2018



# 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																																			
<b>Diamond</b> AIRCRAFT		DIAMOND AIRCRAFT IND. D.O.T. APPROVED MAINTENANCE ORGANIZATION161-93																																	
Registration: N629MJ Airframe Total Time: 31.4 Engine LH SN: E4P-C-00183 Engine LH TT: 31.4 Prop LH SN: 180332 Prop LH TT: 31.4	AC Serial Number: 62.091 Work Order: SO 071958 Engine RH SN: E4P-C-00184 Engine RH TT: 31.4 Prop RH SN: 180334 Prop RH TT: 31.4																																		
<ul style="list-style-type: none"> <li>Aircraft Imported as "N629MJ"</li> <li>Previous Entries Taken from Factory &amp; Ferry Log           <ul style="list-style-type: none"> <li>Total Production Test Flight Time: 3.16 hrs July 20, 2018 thru August 17, 2018 LOAN</li> <li>Ferry Flight: 28.01 hrs August 23, 2018 thru August 25, 2018 LOAN - CYXU</li> <li>Total Time Brought Forward: 31.4 hrs</li> </ul> </li> <li>Compass swing performed (information transferred from Original Production Records):           <ul style="list-style-type: none"> <li>Date: June 06, 2018</li> </ul> </li> </ul> <table border="1"> <tr> <td>FOR</td> <td>N</td> <td>30</td> <td>60</td> <td>E</td> <td>120</td> <td>150</td> </tr> <tr> <td>STEER</td> <td>000</td> <td>030</td> <td>060</td> <td>090</td> <td>119</td> <td>149</td> </tr> <tr> <td>FOR</td> <td>S</td> <td>210</td> <td>240</td> <td>W</td> <td>300</td> <td>330</td> </tr> <tr> <td>STEER</td> <td>179</td> <td>209</td> <td>239</td> <td>269</td> <td>299</td> <td>329</td> </tr> </table>								FOR	N	30	60	E	120	150	STEER	000	030	060	090	119	149	FOR	S	210	240	W	300	330	STEER	179	209	239	269	299	329
FOR	N	30	60	E	120	150																													
STEER	000	030	060	090	119	149																													
FOR	S	210	240	W	300	330																													
STEER	179	209	239	269	299	329																													
<ul style="list-style-type: none"> <li>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.</li> </ul>																																			
Static Pressure System: Test Date: July 9, 2018 Next Due: July 8, 2020	Stand By Altimeter: Test Date: July 9, 2018 Next Due: July 8, 2020																																		
The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness																																			
 <span style="margin-left: 100px;">Date: SEP 17 2018</span>																																			
 <span style="margin-left: 100px;">Date: SEP 17 2018</span>																																			
<p><b>Garmin G1000 Installation:</b></p> <table> <tr> <td>Software Version:</td> <td>1373.02</td> <td>FlightCharts Expiry:</td> <td>Out-of-Date</td> </tr> <tr> <td>Obstacle Database Expiry:</td> <td>2018-09-13</td> <td>SafeTaxi Expiry:</td> <td>2018-09-13</td> </tr> <tr> <td>Navigation Database Expiry:</td> <td>2018-09-13</td> <td>ChartView Expiry:</td> <td>N/A</td> </tr> <tr> <td>GTX 33 Software Version:</td> <td>N/A</td> <td>Apt Directory Expiry:</td> <td>2018-09-13</td> </tr> </table> <ul style="list-style-type: none"> <li>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</li> </ul>								Software Version:	1373.02	FlightCharts Expiry:	Out-of-Date	Obstacle Database Expiry:	2018-09-13	SafeTaxi Expiry:	2018-09-13	Navigation Database Expiry:	2018-09-13	ChartView Expiry:	N/A	GTX 33 Software Version:	N/A	Apt Directory Expiry:	2018-09-13												
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<p><b>PAGE TOTALS</b> </p>																																			
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Registration: N629MJ  
Airframe Total Time: 31.4

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

AC Serial Number: 62.001  
Work Order: SO 071958

Certification Maintenance Requirements:

ATA Ch.	Component	Hours	Years	Next Due
51	Bonding System and static discharging system	1000	4	1000 hrs / July 17.2022

Replacement Requirements:

ATA Ch.	Component	Hours	Years	Next Due
24	Emergency battery package	-	2	N/A
24	ECU backup batteries L/H/R/H	-	1	July 18, 2019
27	Bolt connecting flap push rods to flap bell crank midsection at rear main bulkhead	1000	-	1000 hrs

- ELT Installation:
  - Programmed: N629MJ
  - ELT Battery Due Date: December 1, 2024
  - ELT S/N: LX1100696287

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



SEP 17 2018

Date: \_\_\_\_\_

Continued... \_\_\_\_\_

NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA



Registration: N629MJ  
Airframe Total Time: 31.4

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

AC Serial Number: 62.001  
Work Order: SO 071958

Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No. 2879/18, dated August 22, 2018
- USA Registration Letters "N629MJ" installed on fuselage side surface I.A.W. FAR45.25 (b) (2).
- ELT reprogrammed Hex-ID ADC verified for Reg. No. "N629MJ"
- ELT function checked I.A.W. CAR 571 appendix G and FAR 91.207 par D.
- Aircraft and documentation inspected for Major Mod's and/or STC's incorporated, none found.
- All applicable Airworthiness Directives, Service Bulletins complied with. See attached report.
- AWD Bi-weekly checked thru 2018-18
- Aircraft and documentation reviewed, aircraft found to be in the same configuration as "Factory W&B Report" dated July 18, 2018.
  - Current Empty Weight = 1694.5 kg OR 3735.73 lbs
  - Current Empty C of G = 2.428 m OR 95.59 in
  - Max Ramp Weight = 2300 kg OR 5070.63 lbs
  - Current Useful Load = 605.5 kg OR 1334.90 lbs
  - See Current W&B Report and AFM 7.01.25-E, Chapter 6.

I HEREBY CERTIFY THAT THIS AIRCRAFT CONFORMS TO TYPE  
CERTIFICATE: A57CE Revision No. 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

Date: \_\_\_\_\_

End

## Section 1: Airframe Log

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 Sokoloski DAR 068114544

Ron Sokołowski



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

Registration: N629MJ  
Airframe Total Time: 31.4  
Engine LH SN: E4P-C-00183  
Engine LH TT: 31.4  
Prop LH SN: 180332  
Prop LH TT: 31.4

AC Serial Number: 62.091  
Work Order: SO 0719  
Engine RH SN: E4P-C-0  
Engine RH TT: 31.4  
Prop RH SN: 180334  
Pmn RH TT: 31.4

- Installed propeller unfeathering accumulators on LH and RH engines per Diamond approved Drawing No. D67-6116-00-00 Rev.A. & DA62 AMM Ch.61-20-00. OAM 62-030 (a) (Operation without Unfeathering Accumulators) no longer applicable to this Aircraft.
- Installed accumulator PN: P-893-3 SN: 18A122 on LH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- Installed accumulator PN: P-893-3 SN: 18A072 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 O04 removed from Ch 9.
- Limitation placards listed in supplement O04 removed from cockpit.
- Aircraft weight and balance report amended.
  - Current Empty Weight = 1699.30 kg OR 3746.31 lbs
  - Current Empty C of G = 2.427 m OR 95.55 in
  - Max Ramp Weight = 2300 kg OR 5070.63 lbs
  - Current Useful Load = 600.70 kg OR 1324.31 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  
AIRCRAFT INDUSTRY AIRWORTHINESS



Date: SEP 24 2018

**Continued...**



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

Registration: N629MJ  
Airframe Total Time: 31.4  
Engine LH SN: E4P-C-00183  
Engine LH TT: 31.4  
Prop LH SN: 180332  
Prop LH TT: 31.4

AC Serial Number: 62.091  
Work Order: SO 071958  
Engine RH SN: E4P-C-00184  
Engine RH TT: 31.4  
Prop RH SN: 180334  
Prop RH TT: 31.4

- Removed, cleaned and re-installed LH Aux fuel transfer filter.
- Replaced RH coolant tank pressure relief valve PN: X11-0014-00-00.00.
- Replaced RH Aux fuel transfer filter PN: FX375-MK SN: 43782 TTSN: 31.4 hrs, with used serviceable unit removed from Aircraft N305ER (42.N205), PN: FX375-MK SN: 32284 TTSN: 33.3 hrs (Reference Attached Form One #RO-1799)

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



SEP 24 2018

END

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**PAGE  
TOTALS**

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NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

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

Registration: N629MJ  
Airframe Total Time: 96.5  
Engine LH SN: E4P-C-00183  
Engine LH TT: 96.5  
Prop LH SN: 180332  
Prop LH TT: 96.5

AC Serial Number: 62.091  
Work Order: SO 072068  
Engine RH SN: E4P-C-00184  
Engine RH TT: 96.5  
Prop RH SN: 180334  
Prop RH TT: 96.5

- 100 hour inspection carried out on airframe, engines and propellers IAW DA62 AMM ch. 05-28-00
- Engine oil and oil filter replaced.
- Gearbox oil inspected, and filter cleaned.
- FliteCharts Database updated
- TKS System tested. System operation found satisfactory.
- Position Lights Sealed
- New seals installed on banjo fittings under turbo oil return lines on both LH and RH engine.
- FAA AD Bi-weekly check completed. All AD's found complied with.
- AD 2018-18-02 – Reciprocating Engine Power Section, AD 2018-07-16 – Reciprocating Engine Supercharger found previously complied with
- LH rudder pedal on the pilot side lubricated

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

ACA



Date: DEC 12 2018

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

ACA



Date: DEC 12 2018

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

Inspector \_\_\_\_\_



Date: DEC 12 2018

Previous Entry Entered in Error. See next page

DEC 12 2018



# 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: N629MJ AC Serial Number: 62 091  
Airframe Total Time: 32.7 Work Order: SO 071958  
Engine LH SN: E4P-C-00183 Engine RH SN: E4P-C-00184  
Engine LH TT: 32.7 Engine RH TT: 32.7  
Prop LH SN: 180332 Prop RH SN: 180334  
Prop LH TT: 32.7 Prop RH TT: 32.7

- RH MLG lower micro switch adjusted. 5 satisfactory gear swings carried out.
- LH governor speed stop adjusted as required.
- Ground runs satisfactory.

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



Date:

SEP 26 2018



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

Registration: N629MJ AC Serial Number: 62 091  
Airframe Total Time: 33.4 Work Order: SO 071958  
Engine LH SN: E4P-C-00183 Engine RH SN: E4P-C-00184  
Engine LH TT: 33.4 Engine RH TT: 32.7  
Prop LH SN: 180332 Prop RH SN: 180334  
Prop LH TT: 33.4 Prop RH TT: 32.7

- Adjusted LH/RH FWD door seals as required.
- Replaced LH prop governor. Removed PN: P-877-16, SN: 18G371IG TTSN: 33.4. Installed PN: P-877-16, SN: 18G296IG TTSN: 0.0.
- Ground runs satisfactory.

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



Date:

SEP 27 2018

PAGE  
TOTALS

CARRY FORWARD to Top of Next Page

NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

Registration: N629MJ  
Airframe Total Time: 59.1  
Engine LH SN: E4P-C-00183  
Engine LH TT: 59.1  
Prop LH SN: 180332  
Prop LH TT: 59.1

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

AC Serial Number: 62.091  
Work Order: SO 072007  
Engine RH SN: E4P-C-00184  
Engine RH TT: 59.1  
Prop RH SN: 180334  
Prop RH TT: 59.1



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

Registration: N629MJ  
Airframe Total Time: 96.5  
Engine LH SN: E4P-C-00183  
Engine LH TT: 96.5  
Prop LH SN: 180332  
Prop LH TT: 96.5

AC Serial Number: 62.091  
Work Order: SO 072068  
Engine RH SN: E4P-C-00184  
Engine RH TT: 96.5  
Prop RH SN: 180334  
Prop RH TT: 96.5

- Wings and Main fuel tanks removed to facilitate fuel probe adjustments
- RH fuel probe frequencies adjusted IAW Diamond approved drawing numbers D60-2817-13-00\_1 and D60-2817-14-00\_1. LH outboard fuel probe adjusted IAW D60-2817-14-00\_1. LH inboard fuel probe replaced with new PN: D60-2817-13-00\_1-ASY.
- Wings and main fuel tanks re-installed as per DA62 AMM CH. 57 & 28
- TKS System tested following wing re-installation. System operation found satisfactory.
- Pitot leak check carried out and found satisfactory.
- LH Prop blade #3 repaired I.A.W. M.T. SL 32 Rev.3
- RH aux fuel drain removed, cleaned, and reinstalled.

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

ACA



Date: OCT 24 2018

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

ACA



Date: OCT 24 2018

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

DEC 12 2018

ACA

Date: \_\_\_\_\_

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

ACA



Date: \_\_\_\_\_

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

Inspector \_\_\_\_\_



Date: DEC 12 2018

## Section 1: Airframe Log

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



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

Registration: N629MJ  
Airframe Total Time: 97.4  
Engine LH SN: E4P-C-00183  
Engine LH TT: 97.4  
Prop LH SN: 180332  
Prop LH TT: 97.4

AC Serial Number: 62.091  
Work Order: SO 072063  
Engine RH SN: E4P-C-00184  
Engine RH TT: 97.4  
Prop RH SN: 180334  
Prop RH TT: 97.4

- Pilot door seal adjusted
- RH aileron short rod adjusted 1/2 turn up
- Stall warning adjusted 2mm down
- LH fuel filter quick drain replaced with new

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

ACA

Date: DEC 1 4 2018

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

ACA

Date: DEC 1 4 2018



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

Registration: N629MJ  
Airframe Total Time: 108.4  
Engine LH SN: E4P-C-00183  
Engine LH TT: 108.4  
Prop LH SN: 180332  
Prop LH TT: 108.4

AC Serial Number: 62.091  
Work Order: SO 072270  
Engine RH SN: E4P-C-00184  
Engine RH TT: 108.4  
Prop RH SN: 180334  
Prop RH TT: 108.4

### The Following Routine Maintenance was Carried Out:

- Carried out 200 hr/Annual Airframe inspection IAW Diamond AMM 7.02.25 Rev. 1.
- Carried out 100 hr. prop inspection IAW MT AMM e-124 Rev. 63.
- Carried out 100 hr. engine inspection IAW Austro AMM E4.08.04 Rev. 27. and Diamond AMM 7.02.25 Rev.1
- FAA AD Bi-weekly reviewed thru 2019-17.
- Replaced LH/RH engine oil and filter Services engines with 7L Aeroshell Diesel Ultra 5W30.
- Serviced LH/RH gearboxes per Austro check sheet
- Replaced LH/RH fuel filters.
- Replaced ECU backup batteries. Next Due 288.4 hrs. or August 2020.
- Annual autopilot mechanical check carried out. Found serviceable.
- Main battery capacitance check carried out. Found serviceable.
- De-icing fluid strainer cleaned.
- ELT annual inspection carried out. Found serviceable. Battery replacement due 12/2024.
- Fire extinguisher re weighed. Found serviceable
- Replaced LH/RH engine induction air filters

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



Date: AUG 2 9 2019

CONTINUED...



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

Registration: N629MJ  
Airframe Total Time: 108.4  
AC Serial Number: 62.091  
Work Order: SO 072270

### The Following Non-Routine Maintenance Was Carried Out:

- Replaced bonding strap on NLG
- LH wingtip paint repair carried out.
- Replaced LH/RH brake discs.
- Replaced all brake linings.
- Replaced LH coolant relief valve PN: X11-0014-00-00-00.
- Replaced RH door FWD microswitch.
- Adjusted fluid level in hydraulic power pack
- Rudder removed and reinstalled to facilitate inspection
- Repaired LH MLG heat shield attachment base.
- RH turbo charger replaced with new.
  - Removed PN E4C-00-410-000 SN: UA5029863000055
  - Installed PN E4C-00-410-000 SN: UJ5031027700057
- MSB E4-026 – inspection of engine harness carried out on LH/RH engines. No faults found.
- Diamond FC 62-012 – Factory campaign carried out on LH/RH cowlings

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



Date: AUG 2 9 2019

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



Date: AUG 2 9 2019

END.

NAME/  
SIGNATURELICENCE:  
AME or  
AMO/ACA

Date: August 29, 2019  
 Aircraft Total Time: 188.4 hours

I certify that this aircraft DA 62 Serial Number 62.091 (N629MJ) has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Jared Curtis AP 2878024 IA



1213 N Sandusky Rd, Suite B, Sandusky, MI 48471  
 c:(989) 823-4273 flyboyzaviation@yahoo.com

Tach: HOBBS: 302.2 Work Order: 2020-3083 Date: 9/1/2020  
 TT: 302.2 TSOH: Tail: N629MJ

Performed ANNUAL/300hr INSPECTION & lubrication on this AIRFRAME IAW Diamond DA62 Maintenance Manual section 5 inspection items for 100, 200, & 300 hour inspection requirements. Replaced ECU backup batteries. Replaced NLG and rudder bonding straps. Performed stopdrill & temporary repair of LH MLG heat shield-new assy on order. Reattached 1ea fastener base & reinstalled. Removed A/C system for other maintenance & reinstalled. Alternators disassembled, inspcted, reassembled, & reinstalled. Replaced R aux fuel tank sump & aftied. Serviced all tires, bearings, struts, & hyd reservoir. Replaced fuel filters. Performed ELT check IAW 14CFR91.207. Removed audio panel for swap into aircraft N100DA. Installed new Garmin GMA1347 P/N 011-00809-

I certify this airframe has been inspected IAW

Transponder Certifi  
ELT  
Backup ECU Ba

Adam Ondrajka

#1  
 DATE: 10-1-21 #1  
 ALTIMETER S/N:

SCALE  
ADD COR

ALTIMITUDE	REACTION
-1,000	Y
0	Y
500	Y
1,000	Y
1,500	Y
2,000	Y
3,000	Y
4,000	Y
6,000	Y
8,000	Y
10,000	Y
12,000	Y
14,000	Y
16,000	Y

TOP FLIGHT AVIONICS  
C.R.S. TFGR831K

C.R.S. TFGR831K

Willow Run Airport (YIP)  
Belleville, Michigan 48111

#### MAINTENANCE RELEASE

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

W.O. No. 71702 Date: 10-1-21

O/H  Repaired  F/T  
 Removed Serviceable  Rebuilt

TOP FLIGHT AVIONICS

Unit PFD

Mfg. Garmin

P/N

Model G1000 S/N

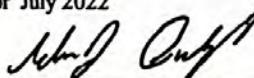
Owner Fly Boyz Av.

N# N629MJ

Tech.

Insp. By DTH

## Section 1: Airframe Log

DATE	AIR TIME		LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & REPLACEMENT)
	DAILY TOTAL		TOTAL		
	HRS	MIN	HOURS	MIN	
CARRIED FORWARD					
		<b>1213 N Sandusky Rd, Suite B, Sandusky, MI 48471</b> c:(989) 823-4273 flyboyzaviation@yahoo.com			
Tach:	HOBBS: 376.3		Work Order: 2021-3298		Date: 7/23/2021
TT: 376.3	TSOH:				Tail: N629MJ
Performed ANNUAL/300hr INSPECTION & lubrication on this AIRFRAME IAW Diamond DA62 Maintenance Manual section 5 inspection items for 100, 200, & 300 hour inspection requirements in addition to 12 & 36 month inspection.					
Replaced ECU backup batteries. Alternators disassembled, inspected, reassembled, & reinstalled. Drained hydraulic & brake systems, serviced with new fluid. Serviced all tires, bearings, struts. Replaced fuel filters. Performed ELT check IAW 14CFR91.207.					
<i>I certify this airframe has been inspected IAW a ANNUAL INSPECTION and was determined to be in airworthy condition.</i>					
Transponder Certification Due: Oct 2023					
ELT Battery Due: Dec 2024					
Backup ECU Batteries Due Hobbs 476 or July 2022					
Adam Ondrajka		A&P/IA 3531616			
		<b>1213 N Sandusky Rd, Suite B, Sandusky, MI 48471</b> c:(989) 823-4273 flyboyzaviation@yahoo.com			
Tach:	HOBBS: 490		Work Order: 2022-3218		Date: 8/10/2022
TT: 490.0	TSOH:				Tail: N629MJ
Performed ANNUAL/300hr INSPECTION & lubrication on this AIRFRAME IAW Diamond DA62 Maintenance Manual section 5 inspection items for 100 & 200 hour inspection requirements.					
ECU backup batteries on backorder, to be replaced at later date. Drained hydraulic pump & serviced with Aeroshell 41. Serviced all tires, bearings, struts. Replaced fuel filters. Replaced L MLG tube with new LeakGuard 600x6. Performed ELT check IAW 14CFR91.207.					
<i>I certify this airframe has been inspected IAW a ANNUAL INSPECTION and was determined to be in airworthy condition.</i>					
Transponder Certification Due: Oct 2023					
ELT Battery Due: Dec 2024					
Backup ECU Batteries Due on back order					
Adam Ondrajka		A&P/IA 3531616			

wo: 2023-3287

Airframe - page



FlyBoyz Aviation LLC - 3913 S Van Dyke Rd - Marlette, MI 48453 - 989-823-4273

N629MJ  
HOBBS: 602.0

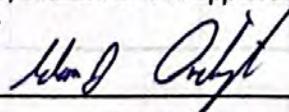
DIAMOND AIRCRAFT IND GMBH, DA 62, S/N: 62.091  
TTSN: 602.0

June 25, 2023

1. Removed damaged R Nav light lens. Formed & installed new lens, sealed with clear RTV. Installed P/N D67-5732-27-01 - DA62 R lens.
2. Removed damaged L Nav light lens. Formed & installed new lens, sealed with clear RTV. Installed P/N D67-5731-27-01 - DA62 L nav.
3. Removed & replaced R Nav/strobe light assy with new, ops checks good. Installed P/N D67-5732-29-01 - DA62 R nav light.
4. Removed & replaced L MLG tire & tube with new. Balanced wheel assy within 1/4oz. Cleaned, inspected, & repacked wheel bearing. Installed P/N 606C81B1 - Goodyear Flight Special II 600x6 8ply S/N: 30275314, P/N 302-246-401 - Goodyear G15/6.00-6 tube.
5. Removed & replaced R MLG tire & tube with new. Balanced wheel assy within 1/4oz. Cleaned, inspected, & repacked wheel bearing. Installed P/N 606C81B1 - Goodyear Flight Special II 600x6 8ply S/N: 30225332, P/N 302-246-401 - Goodyear G15/6.00-6 tube.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with FlyBoyz Aviation LLC under work order: 2023-3287.

Adam Ondrajka A&P/IA 3531616



11/12/2023 Reinstalled oxygen bottle + regulator after hydrostatic test/overhaul. Leak check required.

Adam Ondrejka *Adam Ondrejka* A-P1A 3531616

NAME/  
SIGNATURE

LICENCE:  
AME or  
AMO/ACA

#1

ALTIMETER S/N:	SCALE
ALTIMETER S/N:	SCALE
-1,000	+
0	4
500	+
1,000	4
1,500	1
2,000	4
3,000	+
4,000	1
6,000	4
8,000	+
10,000	4
12,000	1
14,000	1
16,000	4

C.R.S. TFGR831K

 **TOP FLIGHT**  
Avionics

Willow Run Airport (YIP)  
Belleville, Michigan 48111

**MAINTENANCE RELEASE**

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

W.O. No. 22524 Date: 6.29.22

O/H  Repaired  F/T  
 Removed Serviceable  Rebuilt  
 ~~FAA C-1~~

Unit: ADC

Mfg. Garrett

P/N

Model: GPC72 S/N 4159

Owner: Top Flight

N# N629MT

Tech. Adam Ondrejka

Insp. By Adam Ondrejka

## Section 1: Airframe Log



FlyBoyz Aviation LLC - 3913 S Van Dyke Rd - Marlette, MI 48453 - 989-823-4273

N629MJ  
TACH: 623.3

DIAMOND AIRCRAFT IND GMBH, DA 62, S/N: 62.091

September 16, 2023

1. Complied with Annual inspection/200hr/5yr inspection items on this Airframe IAW Diamond DA62 AMM chapter 5. Replaced fuel filter, cleaned TKS filter, cleaned & recharged air filters. Retorqued R engine fuel pump manifold banjo fittings-leak check ok. Performed ELT test IAW 14CFR 91.207. I certify this AIRFRAME has been inspected IAW a ANNUAL INSPECTION and was determined to be airworthy condition.
2. No AD's due or apply at this time.
3. • Removed & Replaced backup ECU batteries with new. Replacement due Sept 2024.
- Complied with Diamond Aircraft Service Information Letter SI62-034 by verification of correct wire connections for ECU backup battery installation. Marked battery terminals per instructions. Installed (4) P/N NP7-12 - backup battery batch RC2206161.
5. Drained fuel from R aux tank & replaced fuel sump with new. Refueled tank, leak check ok. Installed P/N CAV-180 - Fuel sump drain valve
6. Cleaned glue from copilot door window latch block. Taped off area & scuff sanded. Glued window lock block in place with acrylic super glue & clamped in place. Ops checks ok.
7. Removed oxygen bottle & sent to Aircraft Turbine Rotables for hydrostatic testing. Oxygen system placarded as INOP until reinstallation
8. Removed regulator with oxygen bottle & sent to Aircraft Turbine Rotables for overhaul.
9. Disassembled flap & aileron short pushrod tube connections, unscrewed rod ends, boresoped interior of tube. No defects observed. Reinstalled & rigged ailerons & flaps per AMM.
10. Removed & replaced rudder bonding strap with new fabricated strap.
11. Repaired broken NLG bonding bonding strap. Cut back damaged length on airframe side & added knife connector. Installed new fabricated bonding strap with new eyelet & knife connector on strut. Adjusted angle for proper clearance & travel during gear movement
12. Reinstalled L engine fairing seals where needed along O/B lower wing surface
13. Bled L & R brake, serviced co-pilot brake pedal reservoirs with MIL-5606.
14. Topped off L & R coolant tank. Alert message cleared
15. Completed post maintenance check flight IAW Diamond Aircraft DA62 AMM 05-28-92 Check Flight Report. No discrepancies noted.

With respect to the work performed, this airframe has been inspected IAW FARs and appropriate service manuals and is approved for return to service. Details of work performed are on file with FlyBoyz Aviation LLC under work order: 2023-3295.

Adam Ondrajk A&P/IA 3531616

Airframe - page 1 d

wo: 2024-3232



FlyBoyz Aviation LLC - 3913 S Van Dyke Rd - Marlette, MI 48453 - 989-823-4273

N629MJ  
TACH: 623.3

DIAMOND AIRCRAFT IND GMBH, DA 62, S/N: 62.091

May 25, 2024

Complied with Diamond Service Bulletin MSB 62-052 Rev 0 by torque check of horizontal stabilizer connecting bolts, found to be to specification. Execution report sent to Diamond Aircraft.

With respect to the work performed, this airframe has been inspected or repaired IAW FARs and appropriate service manuals and is approved for return to service. Details of work performed are on file with FlyBoyz Aviation LLC under work order: 2024-3232.

Adam Ondrajk A&P/IA 3531616

PAGE  
TOTALS

CARRY FORWARD to Top of Next Page

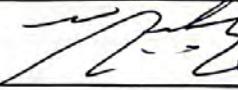
LICENSEE:  
NAME/  
AMO/ACA

SIGNATURE

PTK-10277-09-2024 (12-06-2024)  
Page 1 / 1

DATE: 12-06-2024 SIGNEE: Ben Norman  
A&P Number: 4199194  
Printed by EBIS (EBISCloud.com)

PTK-10277-09-2024 (12-06-2024)  
Page 1 / 1

DATE: 12-06-2024 SIGNEE:   
A&P Number: 4199194  
Printed by EBIS (EBISCloud.com)

PTK-10277-09-2024 (12-06-2024)  
Page 1 / 2

MAKE: Diamond Aircraft Inc.  
MODEL: DA62  
SN: 62-091  
REG. NO: N629MJ  
Waterford Rd  
Suite 900  
Waterford, MI 48327  
Hobbs  
A/C TT: 735.7  
DATE: 12-06-2024  
W/O #: PTK-10277-09-2024  
WORK ORDER: PTK-10277-09-2024  
Lyne Bonney  
A&P Number: 4135044  
Printed by EBIS (EBISCloud.com)

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Lyne Bonney  
A&P Number: 4135044  
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# Section 1: Airframe Log

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

PTK-10277-09-2024 (12-06-2024)

Page 2 / 2

- Removed RH & LH brake linings and wheel assemblies from aircraft. Removed RH & LH brake disk and installed new disk, P/N: 164-25700 (Qty. 2). Reinstalled LH & RH wheel assembly with new brake linings, P/N 066-15500 (Qty. 8). Work accomplished with reference to Diamond DA62 AMM Ch. 32-40.
- Removed debris from nose TKS vent line as required.
- Installed new coupler, P/N: MN6827, on RH wing TKS line forward of manifold block. Replaced O-Rings on TKS lines attached to the manifold block, P/N: 15164-094B (Qty. 4). Work accomplished with reference to Diamond DA62 AMM Ch. 30-00.
- Removed nut plate on LH engine EECU access panel and installed new nut plate. Work accomplished with reference to AC43.13-1B Ch. 4.
- Removed LH landing gear well heat shield and installed new heat shield, P/N: D67-2910-00-01\_02. Work accomplished with reference to Diamond DA62 AMM Ch. 32-30.
- Removed grounding strap on Nose landing gear trunnion and installed new grounding strap. Work accomplished with reference to AC43.13-1B Ch. 11.
- Adjusted LH & RH propeller TKS slinger ring feed lines as required.
- Removed LH engine accessory alternator controller and installed new controller, P/N: VR2000-28-1 S/N: 81090620. Work accomplished with reference to Diamond DA62 AMM Ch. 24-33.
- Secured and applied RTV to air conditioning evaporator temperature probe as required.
- Removed battery, P/N: 0141823, S/N: 18050168, from ELT. Installed new battery, P/N: 0141823, S/N: 24370195. Work accomplished with reference to Kannad Service Letter S18XX50X-25-02. Tested and inspected ELT in accordance with FAR 91.207(d). Ops check good. Battery exp. May 2031.

DATE: 12-06-2024

SIGNED:

Jonathan Hamm  
A&P Number: 4765670

WORK ORDER: PTK-10277-09-2024

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PTK-10277-09-2024 (12-06-2024)

Page 1 / 1

MAKE: Diamond Aircraft Ind  
MODEL: DA62  
S/N: 62.091  
REG. NO: N629MJ



Waterford Aviation, Inc.  
6548 Highland Rd  
Suite 900  
Waterford, MI 48327

W/O #: PTK-10277-09-2024  
DATE: 12-06-2024  
A/C TT: 735.7  
Hobbs:

## Airframe Entries

- Completed Annual Inspection in scope & detail of FAR 43 App. D using Diamond DA62 AMM 05-28-50 "Maintenance Checklist Airframe" Checklist. Researched AD's thru bi-weekly 2024-24. Replaced left and right fuel filters with new P/N WK724\_3 in accordance with Diamond DA 62 AMM Revision 3, 28-20-00, Para. 4. Lubricated airframe IAW Diamond DA62 AMM 12-20(2)(A). I certify that this Aircraft has been inspected in accordance with an Annual Inspection and has been found to be in Airworthy condition.
- Replaced both engine induction filters with new, P/N RU-1620. Work done IAW DA62 AMM 71-60.
- Vane found to be operating normally. Indication is fault with software when aircraft is on the ground and vane heat is on. No repairs required.
- LH engine- Replaced hose clamp on hose forward of coolant thermostat housing with new, P/N TORRO 30-45\_9\_W1. Performed cooling system pressure test, no leaks noted at this time. Work done IAW Diamond DA62 AMM 75-00.

DATE: 12-06-2024

SIGNED:

Sean Farrelly  
IA Number: 3890041

WORK ORDER: PTK-10277-09-2024

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PAGE  
TOTALS

CARRY FORWARD to Top of Next Page

The ATC transponder was  
6/26/25  
Part 43, Appendix F. A  
was tested and calibrated  
of 91.411 FAR 43. App  
Work Order Number: \_\_\_\_\_

Signature \_\_\_\_\_  
TOP FLIGHT AVIONICS  
C.R.S. TFGR831K

I certify that the altimeter  
FAR 91.411 have been  
The altimeter was tested  
by *Top Flight*

Signature \_\_\_\_\_  
TOP FLIGHT AVIONICS  
C.R.S. TFGR831K

DATE: 6-26-25  
ALTIMETER S/N: 4

SCALE: ADD COR:

ALTITUDE	REACTION
-1,000	-
0	-
500	-
1,000	-
1,500	-
2,000	-
3,000	-
4,000	-
6,000	-
8,000	-
10,000	-
12,000	-
14,000	-
16,000	-

C.R.S. TFGR831K

 **TOP FLIGHT**  
Avionics

Willow Run Airport (YIP)  
Belleville, Michigan 48111

#### MAINTENANCE RELEASE

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

W.O. No. 23181 Date: 6-26-25

O/H  Repaired  PFT

Removed Serviceable  Rebuilt

*Top Flight* *Unit*

Unit *ADC*

Mfg. *Garrett*

P/N *—*

Model *ADC72 S/N 457009 231*

Owner *JEFF GALLAGHER*

N# *N6294J*

Tech. *X*

Insp. By *STL*