

AIRCRAFT TECHNICAL RECORD

Section 1. AIRFRAME LOG

AIRCRAFT DATA

1. Nationality & Registration USA N629MJ
2. Manufacturer's Designation
(Make & Model) DA 62
3. Manufacturer's Serial
Number 62.091
4. Type Approval or
Specification Number A57CE
5. Date of Manufacture August 2018
6. Aircraft Inspection Cycle



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
ORGANIZATION161-93

Registration:
Airframe Total Time:
Engine LH SN:
Engine LH TT:
Prop LH SN:
Prop LH TT:

N629MJ
31.4
E4P-C-00183
31.4
180332
31.4

AC Serial Number:
Work Order:
Engine RH SN:
Engine RH TT:
Prop RH SN:
Prop RH TT:

62.091
SO 071958
E4P-C-00184
31.4
180334
31.4

- Aircraft Imported as "N629MJ"
- Previous Entries Taken from Factory & Ferry Log
 - Total Production Test Flight Time: 3.16 hrs July 20, 2018 thru August 17, 2018 LOAN
 - Ferry Flight: 28.01 hrs August 23, 2018 thru August 25, 2018 LOAN - CYXU
 - Total Time Brought Forward: 31.4 hrs
- Compass swing performed (information transferred from Original Production Records):
 - Date: June 06, 2018

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

- 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: 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



SEP 17 2018

Date:

Continued...



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

Registration:
Airframe Total Time:

N629MJ
31.4

AC Serial Number:
Work Order:

62.091
SO 071958

- 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: July 19, 2018
- TXPR re-programmed:
 - USA Registration: N629MJ
 - Hex Code: A838C8
- IGRF 2015

Garmin G1000 Installation:

Software Version:
Obstacle Database Expiry:
Navigation Database Expiry:
GTX 33 Software Version:

1373.02
2018-09-13
2018-09-13
N/A

FliteCharts Expiry:
SafeTaxi Expiry:
ChartView Expiry:
Apt Directory Expiry:

Out-of-Date
2018-09-13
N/A
2018-09-13

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

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



SEP 17 2018

Date:

Continued...

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

Registration: N629MJ
Airframe Total Time: 31.4

AC Serial Number: 62.091
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...



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

Registration: N629MJ
Airframe Total Time: 31.4

AC Serial Number: 62.091
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. FAR 45.25 (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

[illegible]

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

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

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

- 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.
 - o Current Empty Weight = 1699.30 kg OR 3746.31 lbs
 - o Current Empty C of G = 2.427 m OR 95.55 in
 - o Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - o 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



ACA

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
A:worthiness



ACA

Date _____

SEP 24 2018

END.

**PAGE
TOTALS**

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

Registration: 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
Airframe Total Time: 32.7
Engine LH SN: E4P-C-00183
Engine LH TT: 32.7
Prop LH SN: 180332
Prop LH TT: 32.7

AC Serial Number: 62.091
Work Order: SO 071958
Engine RH SN: E4P-C-00184
Engine RH TT: 32.7
Prop RH SN: 180334
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



ACA

Date: **SEP 26 2018**



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

Registration: N629MJ
Airframe Total Time: 33.4
Engine LH SN: E4P-C-00183
Engine LH TT: 33.4
Prop LH SN: 180332
Prop LH TT: 33.4

AC Serial Number: 62.091
Work Order: SO 071958
Engine RH SN: E4P-C-00184
Engine RH TT: 32.7
Prop RH SN: 180334
Prop RH TT: 32.7

- Adjusted LH/RH FWD door seals as required.
- Replaced LH prop governor. Removed PN: P-877-16, SN: 18G3711G TTSN: 33.4. Installed PN: P-877-16, SN: 18G2961G TTSN: 0.0.
- Ground runs satisfactory.

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



ACA

Date: **SEP 27 2018**

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

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

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

- 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

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 replaced, 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

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
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: 62091
Work Order: SO 072088
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 14 2018

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

ACA

Date: DEC 14 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: 188.4
Prop LH SN: 180332
Prop LH TT: 188.4

AC Serial Number: 62091
Work Order: SO 072270
Engine RH SN: E4P-C-00184
Engine RH TT: 188.4
Prop RH SN: 180334
Prop RH TT: 188.4

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. Serviced 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

ACA

Date:

AUG 29 2019

CONTINUED...



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

Registration: N629MJ
Airframe Total Time: 188.4

AC Serial Number: 62091
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.
 - o Removed PN E4C-00-410-000 SN: UA5029863000055
 - o 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 cowings

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

ACA

Date:

AUG 29 2019

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

ACA

Date:

AUG 29 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.

Jarred Curtis AP 2878024 IA



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

Tach: HOBBS: 302.2
TT: 302.2 TSOH:

Work Order: 2020-3083

Date: 9/1/2020

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, inspected, reassembled, & reinstalled. Replaced R aux fuel tank sump & saftied. 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 Certificate
ELT
Backup ECU Battery

Adam Ondrajka

DATE: 10-1-20
ALTIMETER S/N:

SCALE
ADD COR

ALTITUDE	REAR
-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	

TOP FLIGHT AVIONICS
C.R.S. TFGR831K

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 airworthy for return to service. Pertinent details of the repair are on file at this agency under:

W.O. No. 21302 Date: 10-1-20

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

☒ IFR CFI

Unit PFP

Mfg. Garmin

P/N

Model G1000 S/N

Owner Fly Boys Av.

N# N629MJ

Tech.

Insp. By

Section 1: Airframe Log

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



1213 N Sandusky Rd, Suite B, Sandusky, MI 48471

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 certify this airframe has been inspected IAW a ANNUAL INSPECTION and was determined to be in airworthy condition.

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

Adam Ondrajka



1213 N Sandusky Rd, Suite B, Sandusky, MI 48471

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 certify this airframe has been inspected IAW a ANNUAL INSPECTION and was determined to be in airworthy condition.

Transponder Certification Due: Oct 2023

ELT Battery Due: Dec 2024

Backup ECU Batteries Due on back order

Adam Ondrajka

A&P/IA 3531616

Adam Ondrajka

wo: 2023-3287

Airframe - page 1



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, 2022

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

Adam Ondrajka

NAME/
SIGNATURELICENCE:
AME or
AMO/ACA11/2/2023 Reinstalled oxygen bottle + regulator after hydrostatic
test/overhaul. Leak check required.Adam Ondrejka *[Signature]* A-P/IA 3531616

#1

DATE: 6-29-23

ALTIMETER S/N: A

SCALE
ADD Con

ALTITUDE	REA
-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	+

#1

C.R.S. TFGR831K

**TOP FLIGHT**
AvionicsWillow 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. 22024 Date: 6.29.23

☐ O/H ☐ Repaired ☒ F/T
☐ Removed Serviceable ☐ Rebuilt
☒ FA 211

Unit ADCMfg. GervinP/N —Model QPL72 S/N 150Owner Jeff GallantN# N629MTTech. aInsp. By [Signature]

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 in 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 Ondrajka A&P/IA 3531616

wo: 2024-3232

Airframe - page 1 of 1



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 spec. 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 Ondrajka A&P/IA 3531616

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TOTALS

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LICENCE:
AME or
AMO/ACA

NAME/
SIGNATURE

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W/O #: PTK-10277-09-2024

DATE: 12-06-2024

A/C TT: 735.7

Hobbs:

Airframe Entries

- Serviced the O2 bottle to full, work done in reference to the FAA AC43.13-1B para 9-51.
- Removed and replaced the ECU backup batteries with new P/N: NP7-12 (QTY 4), work done in reference to Diamond DA62 AMM
- Chapter 24-30
- RH engine- Replaced forward radiator hose lower clamps with new P/N Torq_30-45_9_W1 (x2). Pressure checked cooling system.
- No leaks or pressure decay noted. Work done IAW Diamond DA62 AMM 75-00.

Ben Vroman

A&P Number 4199194

WORK ORDER: PTK-10277-09-2024

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

MAKE: Diamond Aircraft Ltd

MODEL: DA62

S/N 62.091

REG. NO: N629MJ



Waterford Aviation, Inc.

6548 Highland Rd

Suite 900

Waterford, MI 48327

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W/O #: PTK-10277-09-2024

DATE: 12-06-2024

A/C TT: 735.7

Hobbs:

Airframe Entries

- Inspected accessory alternator for defects in mounting ears. No issues found. Installed new bolt P/N: LN9037-M6x42, new bushing P/N: D64-7106-11-31, new nut P/N: LN 9037-M6x42. Set belt tension IAW Diamond DA62 AMM ch 61-10-00
- Removed and replaced LH engine fwd radiator hose with new hose P/N: DS HC1-45-0235. Replaced hose clamps with new clamps P/N: Torq_30-45_9_1 (x4). Re-filled coolant system with new coolant and performed cooling system pressure test. No leaks or pressure decay found. Work done IAW Diamond DA62 AMM ch. 75-00-00.

Lyle Bonney

A&P Number 4135044

WORK ORDER: PTK-10277-09-2024

Printed by EBIS (EBIScloud.com)

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

MAKE: Diamond Aircraft Ltd

MODEL: DA62

S/N 62.091

REG. NO: N629MJ



Waterford Aviation, Inc.

6548 Highland Rd

Suite 900

Waterford, MI 48327

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W/O #: PTK-10277-09-2024

DATE: 12-06-2024

A/C TT: 735.7

Hobbs:

Airframe Entries

- Complied with Diamond MSB 62-042 Rev. 1 by installing bushings. P/N: BU6-8-6-0100-C (Qty. 3), into rudder as required. Work accomplished in accordance with Diamond MSB 62-042 Rev. 1 Work instruction.
- Visually inspected LH & RH engine starter wiring for proper installation. Verified correct installation and no further action required. Work accomplished with reference to Diamond MSB 62-045 Rev. 2.
- Complied with Diamond service bulletin RSB 62-050 (Rev. 0) by replacing parking brake cable core with new core P/N: T22700034 and installing new Bowden cable extension. P/N: D60-7103-00-30. Work accomplished with reference to Diamond DA62 AMM and Diamond RSB 62-050.
- Complied with Diamond service bulletin MSB 62-015 (Rev. 1) by replacing retaining rings. P/N: DIN 471-10x1.0-MZP (Qty. 6), DIN 471-18x1.2-MZP (Qty. 2), DIN 471-20x1.2-MZP (Qty. 4), as required on the LH, RH and nose landing gears. Work accomplished with reference to Diamond DA62 AMM and Diamond MSB 62-015 (Rev. 1).
- Performed static bonding and static discharge test with reference to Diamond DA62 AMM Ch. 51-80.
- Performed borescope inspection on the interior of the LH & RH aileron pushrod tubes. No defects noted at this time. Work accomplished with reference to Diamond DA62 AMM Ch. 57-60.
- Performed borescope inspection on interior of the LH & RH Flap pushrod tubes. No defects noted at this time. Work accomplished with reference to Diamond DA62 AMM Ch. 57-50.
- Performed 24-month ice protection low pressure switch function check in accordance with Diamond DA62 AMM Ch. 30-00 item 18. No defects noted at this time.
- Removed LH & RH engine coolant siphonate pouches and installed new pouches. P/N: D44-9075-21-01 (Qty. 2), in accordance with Diamond DA62 AMM Ch. 75-00.
- Repositioned Oxygen bottle mounting clamps and rubber shielding as required to avoid chafing of bottle.
- Serviced Hydraulic landing gear reservoir with MIL-PRF-5606 H as required in accordance with Diamond DA62 AMM Ch. 29-12.

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							

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

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- 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 sling 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)

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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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TOTALS

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The ATC transponder was
6126125
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

#1
DATE: 6-26-25
ALTIMETER S/N: 4

SCALE
ADD COR

ALTITUDE	REA
-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. 23151 Date: 6-26-25

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

75Fh cut

Unit ADC

Mfg. Garmin

P/N _____

Model ADC72 S/N 4150021

Owner Jeff Gollan

N# N629MJ

Tech. X

Insp. By [Signature]