

AIRCRAFT

TECHNICAL RECORD

Section 1. AIRFRAME LOG

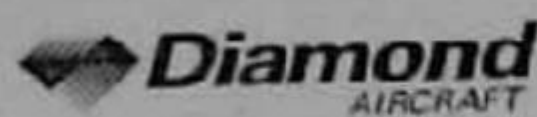
AIRCRAFT DATA

1. Nationality & Registration USA N691DA
2. Manufacturer's Designation
(Make & Model) DA62
3. Manufacturer's Serial
Number 62.093
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	
	DAILY TOTAL		TOTAL		DAILY TOTAL	TOTAL
	HRS	MIN	HOURS	MIN		
CARRIED FORWARD						



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

Registration: N691DA
Airframe Total Time: 30.5
Engine LH SN: E4P-C-00187
Engine LH TT: 30.5
Prop LH SN: 180336
Prop LH TT: 30.5

AC Serial Number: 62 093
Work Order: SO 071958
Engine RH SN: E4P-C-00188
Engine RH TT: 30.5
Prop RH SN: 180337
Prop RH TT: 30.5

- Aircraft Imported as "N691DA"
- Previous Entries Taken from Factory & Ferry Log
 - Total Production Test Flight Time: 3.75 hrs August 20, 2018 thru August 31, 2018 LOAN
 - Ferry Flight: 26.75 hrs September 04, 2018 thru September 06, 2018 LOAN - CYXU
 - Total Time Brought Forward: 30.5 hrs
- Compass swing performed (information transferred from Original Production Records):
 - Date: June 06, 2018

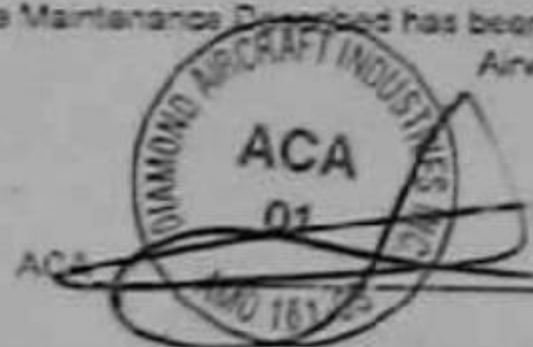
FOR	N	30	60	E	120	150
STEER	001	030	061	090	120	150
FOR	S	210	240	W	300	330
STEER	181	211	241	271	301	331

- 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 20, 2018
Next Due: Aug 19, 2020

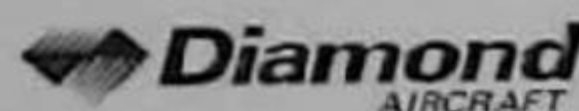
Stand By Altimeter:
Test Date: Aug 20, 2018
Next Due: Aug 19, 2020

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



Date: OCT 11 2018

Continued...



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

Registration: N691DA
Airframe Total Time: 30.5
AC Serial Number: 62 093
Work Order: 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: August 20, 2018
- TXPR re-programmed:
 - USA Registration: N691DA
 - Hex Code: A92EB9
- IGRF 2015

Garmin G1000 Installation:

Software Version: 1373.02
Obstacle Database Expiry: 2018-09-13
Navigation Database Expiry: 2018-09-13
GTX 33 Software Version: N/A

FileCharts Expiry: Out-of-Date
SafeTaxi Expiry: 2018-09-13
ChartView Expiry: N/A
Apt Directory Expiry: 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

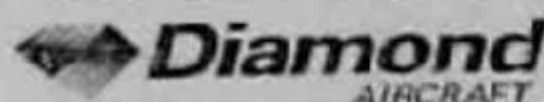


Date: OCT 11 2018

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PAGE TOTALS

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACADIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93Registration: N691DA
Airframe Total Time: 30.5AC Serial Number: 62 093
Work Order: SO 071958Certification Maintenance Requirements:

ATA Ch.	Component	Hours	Years	Next Due
51	Bonding System and static discharging system	1000	4	1000 hrs / Aug 19, 2022

Replacement Requirements:

ATA Ch.	Component	Hours	Years	Next Due
24	Emergency battery package	-	2	N/A
24	ECU backup batteries L/R	-	1	Aug 20, 2019
27	Bolt connecting flap push rods to flap bell crank midsection at rear main bulkhead	1000	-	1000 hrs

• ELT Installation:

- Programmed: N691DA
- ELT Battery Due Date: January 1, 2025
- ELT S/N: LX1100713772

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



Continued...

I find that the aircraft meets the requirements for the certificate requested and have issued a Standard Airworthiness Certificate Dated Oct 11, 2018. The aircraft shall be maintained in accordance with the manufacturers recommended program.

Ron Sokoloski
Ron Sokoloski DART 068114544

DIAMOND AIRCRAFT IND.
D.O.T. APPROVED MAINTENANCE
ORGANIZATION 161-93Registration: N691DA
Airframe Total Time: 30.5AC Serial Number: 62 093
Work Order: SO 071958Import Summary:

- Aircraft Imported with Export Certificate of Airworthiness, No. 2881/18, dated August 30, 2018
- USA Registration Letters "N691DA" installed on fuselage side surface IAW FAR 45.25 (b) (2).
- ELT reprogrammed Hex ID ADC verified for Reg. No. "N691DA"
- ELT function checked IAW 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 2018-20
- Aircraft and documentation reviewed, aircraft found to be in the same configuration as "Factory W&B Report" dated July 18, 2018.
 - Current Empty Weight = 1717 kg OR 3785.33 lbs
 - Current Empty C of G = 2.420 m OR 95.28 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 583 kg OR 1285.29 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



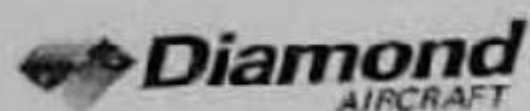
OCT 11 2018

End

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)



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

Registration: N891DA
Airframe Total Time: 30.5
Engine LH SN: E4P-C-00157
Engine LH TT: 30.5
Prop LH SN: 180336
Prop LH TT: 30.5

AC Serial Number: 62 093
Work Order: SO 071858
Engine RH SN: E4P-C-00188
Engine RH TT: 30.5
Prop RH SN: 180337
Prop RH TT: 30.5

- 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: 18A086 on LH engine. Serviced with nitrogen per DA62 AMM Ch. 61-20-00.
- Installed accumulator PN: P-893-3 SN: 18A077 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 9.
- Limitation placards listed in supplement 004 removed from cockpit.
- Aircraft weight and balance report amended.
 - Current Empty Weight = 1721.8 kg OR 3795.92 lbs
 - Current Empty C of G = 2.419 m OR 95.24 in
 - Max Ramp Weight = 2300 kg OR 5070.63 lbs
 - Current Useful Load = 578.20 kg OR 1274.7 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.

ACA

Date: OCT 15 2018



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

Registration: N891DA
Airframe Total Time: 30.5
Engine LH SN: E4P-C-00187
Engine LH TT: 30.5
Prop LH SN: 180336
Prop LH TT: 30.5

AC Serial Number: 62 093
Work Order: SO 071858
Engine RH SN: E4P-C-00188
Engine RH TT: 30.5
Prop RH SN: 180337
Prop RH TT: 30.5

- GDL audio U/S. Found GDL audio wires capped and stowed. Wires 23024A24 and 23025B24 spliced together IAW diamond approved Dwg. # D67-9231-60-02 Rev.B. GDL audio function check carried out. Found serviceable.
- Sealed wing tip lights
- Removed, cleaned and re-installed LH/RH Aux fuel transfer filters.

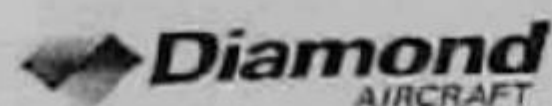
The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness.

ACA

Date: OCT 15 2018

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

Registration: N891DA
Airframe Total Time: 31.7
Engine LH SN: E4P-C-00187
Engine LH TT: 31.7
Prop LH SN: 180336
Prop LH TT: 31.7

AC Serial Number: 62.093
Work Order: SO 071958
Engine RH SN: E4P-C-00188
Engine RH TT: 31.7
Prop RH SN: 180337
Prop RH TT: 31.7

NAME/
SIGNATURE

LICENCE:
AME or
AMO/ACA

- RH FWD door seal adjusted as required.
- LH aileron short rod adjusted out (aileron up) 1/2 turn at aft rod and.

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

ACA

Date:

OCT 18 2018

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

ACA

Date:

OCT 18 2018



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

Registration: N891DA
Airframe Total Time: 33.4
Engine LH SN: E4P-C-00187
Engine LH TT: 33.4
Prop LH SN: 180336
Prop LH TT: 33.4

AC Serial Number: 62.093
Work Order: SO 071958
Engine RH SN: E4P-C-00188
Engine RH TT: 33.4
Prop RH SN: 180337
Prop RH TT: 33.4

- Adjusted LH prop governor speed stop as required.
- Adjusted LH outboard flap short rod in (flap down) 1/2 turn at aft rod end.

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

ACA

Date:

OCT 22 2018

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

ACA

Date:

OCT 22 2018

Section 1: Airframe Log

Section 1. Air

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



Registration: N891DA
Airframe Total Time: 37.0
Engine LH SN: E4P-C-00187
Engine LH TT: 37.0
Prop LH SN: 180336
Prop LH TT: 37.0

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

AC Serial Number: 62 093
Work Order: SO 071958
Engine RH SN: E4P-C-00188
Engine RH TT: 37.0
Prop RH SN: 180337
Prop RH TT: 37.0

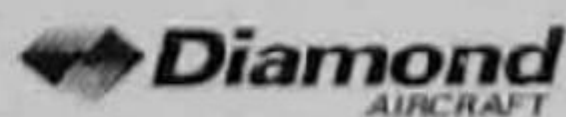
- RH Engine Glow plug controller E4A-94-200-000 replaced
 - S/N off: 002446
 - S/N on: 002558
- Standby SAM unit replaced P/N: 6420302-1
 - S/N off: A18-11591
 - S/N on: H18-10062
- Pilot static leak check completed

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

ACA



Date: Dec 13/18



Registration: N891DA
Airframe Total Time: 51.0
Engine LH SN: E4P-C-00187
Engine LH TT: 51.0
Prop LH SN: 180336
Prop LH TT: 51.0

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

AC Serial Number: 62 093
Work Order: SO 072133
Engine RH SN: E4P-C-00188
Engine RH TT: 51.0
Prop RH SN: 180337
Prop RH TT: 51.0

The Following Maintenance was Performed

- RH engine turbo charger U/S. Removed turbo charger assembly PN: E4C-41-100-000 SN: UA50298630 00042 TTSN: 51.0 hrs. Installed new turbo charger assembly PN: E4C-41-100-000 SN: UC50300446 00048 TTSN: 0.0 hrs. Reference form 1 RO-2655.
- NOTE:** Turbo charger assembly PN: E4C-41-100-000 comes with new waste gate actuator and waste gate actuator bridge installed IAW Austro MSB-E4-022 Rev. 5. Next wastegate replacement due at 301.0 hr. AFTT IAW. FAA AD 2018-07-16.
- Engine ground run and leak checked. Found serviceable.

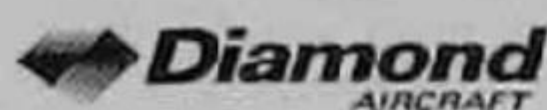
The Maintenance Described has been performed IAW the Applicable Standard of Airworthiness

ACA



Date: FEB 07 2019

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

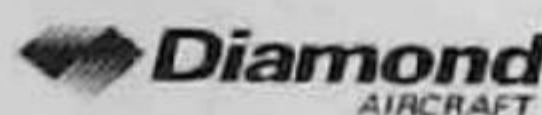
Registration:	N691DA	AC Serial Number:	62 093
Airframe Total Time:	54.3	Work Order:	SO 072133
Engine LH SN:	E4P-C-00187	Engine RH SN:	E4P-C-00188
Engine LH TT:	54.3	Engine RH TT:	54.3
Prop LH SN:	180336	Prop RH SN:	180337
Prop LH TT:	54.3	Prop RH TT:	54.3

The Following Maintenance was Performed

- Adjusted Pitch/Roll offset on SAM unit to match PFD.
- LH engine glow controller U/S. Replaced glow controller PN: E4A-94-200-000. Removed SN: 002475 TTSN: 54.3 hrs. Installed SN: 002600 TTSN: 0.0 hrs.

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

ACA  Date **FEB 12 2019**



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

Registration:	N591DA	AC Serial Number:	62 093
Airframe Total Time:	54.3	Work Order:	SO 072133
Engine LH SN:	E4P-C-00187	Engine RH SN:	E4P-C-00188
Engine LH TT:	54.3	Engine RH TT:	54.3
Prop LH SN:	180336	Prop RH SN:	180337
Prop LH TT:	54.3	Prop RH TT:	54.3

The Following Maintenance was Performed

- Main Battery P/N: RG24-15 S/N: ~~4086165~~ **40862165 E.E.** removed
- Main battery P/N: RG24-15 removed from 62 094 (N155DA) with 49.3 hrs TT S/N: 40924784 installed into 60 093

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

ACA  Date **Feb 20/19**



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

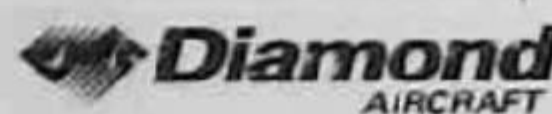
Registration:	N691DA	AC Serial Number:	62 093
Airframe Total Time:	62.2	Work Order:	SO 072133
Prop LH SN:	180336	Prop LH TT:	62.2

Maintenance Performed:

- LH propeller MTV-6-R-C-F/CF194-80 changed
 - S/N: 180336 removed
 - S/N: 150618 installed
- G1000 databases updated:
 - Navigation / Flightcharts data expires April 25, 2019
 - Obstacle/ Apt Directory/ SafeTaxi expires April 25, 2019
 - IFR/VFR charts updated Aug 16, 2018

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

ACA  Date **APR 05 2019**



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

Registration:	N591DA	AC Serial Number:	62 093
Airframe Total Time:	99.5	Work Order:	SO 072133
Engine LH SN:	E4P-C-00187	Engine RH SN:	E4P-C-00188
Engine LH TT:	99.5	Engine RH TT:	99.5
Prop LH SN:	180336	Prop RH SN:	180337
Prop LH TT:	99.5	Prop RH TT:	99.5

The Following Maintenance was Performed

- Replaced LH/RH fuel filters.
- Replaced LH/RH engine oil and filter. Engines serviced with 7 L Aeroshell Diesel Ultra 5W30.
- Engines ground run and leak check carried out. Found serviceable.

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

ACA  Date **APR 29 2019**

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)

MAKE: Diamond
MODEL: DA62
S/N: 62.093
REG. NO: 691DA
WORK ORDER:
8387-04-2019



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

DATE: 4/9/2019
A/C TSN: 73.7
TACH: 73.7

Airframe Entries

(2) REPLACED COM1 ANTENNA WITH NEW P/N CI-2580-200 S/N 587421. PERFORMED COM1 CHECK AND WAAS GPS 1 CHECK. NO FAULTS NOTED IAW DIAMOND DA-62 M/M CHAP 34.

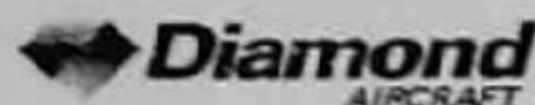
DATE: 4/9/2019

SIGNED

EMMANUEL VICIOSO
CRS 9PR402B

Work Order: 8387-04-2019

Printed by EBis 3 (datcomedia.com)



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

Registration:	N891DA	AC Serial Number:	62.093
Airframe Total Time:	109.9	Work Order:	SO 072133
Engine LH SN:	E4P-C-00187	Engine RH SN:	E4P-C-00185
Engine LH TT:	109.9	Engine RH TT:	109.9
Prop LH SN:	150618	Prop RH SN:	160337
Prop LH TT:	544.0	Prop RH TT:	109.9



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

Registration:	N891DA	AC Serial Number:	62.093
Airframe Total Time:	109.9	Work Order:	SO 072133

- RH engine TKS nozzle replaced.
- Replaced LH/RH brake discs.
- Replaced LH/RH brake linings.
- Adjusted LH/RH coolant mixture to -38 deg. Celsius.
- Rudder removed and reinstalled to facilitate 100 hr. inspection.

The Following Routine Maintenance was Carried Out:

- Carried out 100 hr. 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. (Engine oil and filter/fuel filters not changed at this time. Previously changed at 99.5 hrs. Next due at 199.5 hrs. AFTT.)

The Following Non-Routine Maintenance was Carried Out:

- RH engine inboard engine mount replaced.
- LH engine prop governor replaced.
 - Removed PN: P-877-16 SN: 18G385IG TTSN: 109.9 hrs.
 - Installed PN: P-877-16 SN: 18G658IG TTSN: 0.0 hrs.
- Replaced bonding strap on lower rudder pedestal.

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



Date: MAY 09 2019

Continued...

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

ACA

Date:

MAY 09 2019

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

ACA

Date:

MAY 09 2019

END.

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PLACEMENT)

NAME/
SIGNATURE



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

Registration: N691DA
Airframe Total Time: 157.1
Engine LH SN: E4P-C-00167
Engine LH TT: 157.1
Prop LH SN: 180336
Prop LH TT: 157.1

AC Serial Number: 62.063
Work Order: SO 072133
Engine RH SN: E4P-C-00168
Engine RH TT: 157.1
Prop RH SN: 180337
Prop RH TT: 157.1

The Following Maintenance was Performed

- LH governor replaced with new PN: P-977-16 SN OFF: 18G958-1G SN ON: 18G953-1G. Ground run and adjusted set screw to be within limits.
- RH aux tank drain removed, cleaned and reinstalled.
- RH aux tank filter removed, cleaned and reinstalled.

An independent inspection of the LH governor installation has been performed

Signature:  ACA 06 JUN /19

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

ACA:  Date: JUN 06 2019



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

Registration: N691DA
Airframe Total Time: 224.5
Engine LH SN: E4P-C-00167
Engine LH TT: 224.5
Prop LH SN: 180336
Prop LH TT: 67.0

AC Serial Number: 62.093
Work Order: SO 072323
Engine RH SN: E4P-C-00168
Engine RH TT: 224.5
Prop RH SN: 180337
Prop RH TT: 224.5

The Following Maintenance was Performed - Airframe

- 100 hr engine Service performed IAW Austro MM
- Replaced LH/RH fuel filters.
- Replaced LH/RH engine oil and filter. Engines serviced with 7 L. Aeroshell Diesel Ultra 5W30
- Prop SN: 180336 removed from 62.007 / C-FUFC with PTT:67.0 hrs and installed on 62.093 / N691DA
- Prop SN: 150618 removed from 62.093 / N691DA installed on 62.007 / C-FUFC
- Engine ground run and leak check carried out. Found serviceable.

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

ACA



Date: JUL 19 2019

DATE / /	AIR TIME				DAILY TOTAL	TOTAL	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: N691DA
Airframe Total Time: 229.8
Prop LH SN: 180336
Prop LH TT: 72.3

AC Serial Number: 62.093
Work Order: SO 07232

The Following Maintenance was Performed - LH Prop

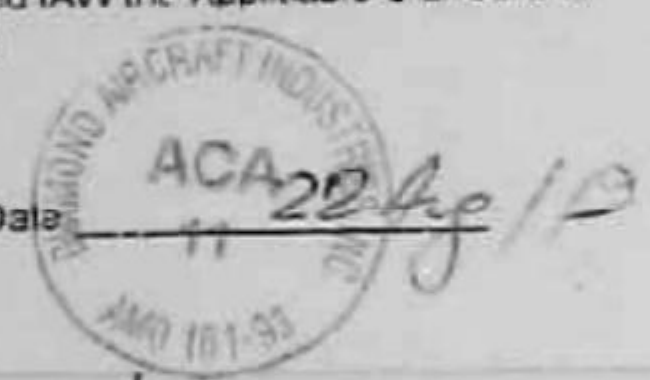
- Prop SN: 180336 removed from: 62.093 / N691DA with PTT: 72.3 hrs for blade repair

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

ACA

[Signature]

Date



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

Registration: N691DA
Airframe Total Time: 237.4

AC Serial Number: 62.093
Work Order: SO 072356

The Following Maintenance was Performed

- Replaced RH engine coolant relief valve PN: X11-0014-00-00 00
- Engine ground run and leak check carried out. Found serviceable

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

ACA



Date

AUG 28 2019

PAGE TOTALS

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Registration: N591DA
Airframe Total Time: 229.8
Prop LH SN: 160645
Prop LH TT: 116.2

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

AC Serial Number: 62 093
Work Order: SO 072323

The Following Maintenance was Performed – LH Prop

- Prop SN: 160645 removed from 62.007 with PTT: 116.2 hrs and installed on LH engine of 62 091

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

ACA

Date:

22 Aug 19



Registration: N591DA
Airframe Total Time: 238.9
Engine LH SN: E4P-C-00187
Engine LH TT: 238.9
Prop LH SN: 160645
Prop LH TT: 125.3

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

AC Serial Number: 62 093
Work Order: SO 072358
Engine RH SN: E4P-C-00188
Engine RH TT: 238.9
Prop RH SN: 180337
Prop RH TT: 238.9

The Following Routine Maintenance was Carried Out:

- Carried out 100 hr. Airframe inspection IAW Diamond AMM 7.02 25 Rev.1.
- Carried out 100 hr. prop inspection IAW MT AMM e-124 Rev. 63.
- ECU backup batteries replaced. Next Due: September 2020
- Annual ELT inspection carried out. Found serviceable. Next Inspection Due: September 2020. Batter replacement Due: January 2025.
- Main battery capacitance check carried out. Found serviceable.
- Annual autopilot mechanical check carried out. Found serviceable.
- De-ice fluid strainer cleaned.

The Following Non-Routine Maintenance was Carried Out:

- NLG bonding strap replaced.
- Repaired middle row seating aft footwell.
- Rudder removed and reinstalled to facilitate inspection.

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

ACA

Date:

SEP 09 2019

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

ACA

Date:

SEP 09 2019

END.

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)



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

Registration: N591DA
Airframe Total Time: 249.8
Engine LH SN: E4P-C-00187
Engine LH TT: 249.8
Prop LH SN: 160845
Prop LH TT: 135.2

AC Serial Number: 62.093
Work Order: SQ 072356
Engine RH SN: E4P-C-00185
Engine RH TT: 249.8
Prop RH SN: 180337
Prop RH TT: 249.8

The Following Maintenance was Carried Out:

- Diamond Factory Campaign FC 62-012 Rev.1 carried out on LH/RH engine cowlings.
- Replaced LH/RH wingtip lens covers.
- Adjusted LH engine oil access door.

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



SEP 27 2019

END.

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TOTALS

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