

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C2YR-1BFP/F 7497

PROPELLER S/N NS 5480 B

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C2YR-1BFP/F 7497

PROPELLER S/N NS 5480 B

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model HC - C27R - 1BFP/F7497

Propeller S/N NS 5480 B

Blade Design _____

Blade S/N's

No. 1 MO9990

No. 2 MO9994

No. 3 _____

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather 29.0

Start Lock _____

Low 13.9

Reverse _____

Aircraft Manufacturer Diamond

Aircraft Model DA-40

S/N 40.662

Registration N658DS



3330 AIRPORT LOOP
SALISBURY, NC 28147
OFFICE: 704-431-6862
INFO@SOUTHTECAVIATION.COM

DATE: : APRIL 26, 2022 | HARTZELL MODEL: HC-C2YR-1BFP | S/N: NS-5480B | REG: N658DS
TACH: 4048.1 HRS. TTP: 119.6 HRS. TSMOH: N/A

100 HOUR INSPECTION COMPLETED THIS DATE USING DIAMOND AIRCRAFT DA40 INSPECTION CHECKLIST, AIRPLANE MAINTENANCE MANUAL, AND MT PROPELLER MM. AD'S CHECK THROUGH BI-WEEKLY NUMBER 2022-09.

NO AD'S DUE AT THIS TIME.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

TIMOTHY D JORDAN

A&P/IA 3264477

**Propeller Logbook
Entry**

Paragon Aircraft Service, Inc.

19 Wright Way, Fairfield, NJ 07004
Phone: (973)575-0364 Fax (973)244-1884

**Authorized
Cirrus Service
Center**

Date	N' Number	Make/Model	Serial#	Tach	SPOH	Total Time	W. O.
3/8/2021	N658DS	HC-C2YR-1BFP	NS5480B	3928.5		29.3	10469
I certify that this propeller has been inspected in accordance with an Annual Inspection and determined to be in an airworthy condition.							
I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed.							
Authorized Signature:				Steven VanderValk A&P 2919106 IA			



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NO AD'S DUE AT THIS TIME.

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

Timothy D Jordan
TIMOTHY D JORDAN

A&P/IA 3264477

Make	Model	Serial Number	Registration	Date
HARTZELL	HC-C2YR-104P	NS 54903	N658DS	6-8-2023
Tach Time:	4127.3	Prop TT:		TSMOH:

Signature: [Signature] Name: Gerry Sykes Certificate Number: A&P 3664796 IA

Make	Model	Serial Number	Registration	Date
Hartzell	HC-C2YR-1BFP/F7497	NS5480B	N658DS	7-12-2024
Tach Time:	4183.7	Prop TT:	284.5	TSMOH:

Signature: [Signature] Name: Gerry Sykes Certificate Number: A&P 3664796 IA

[illegible]



US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
2/28/2011

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N658DS	Serial No. 40.662	
	Make Diamond Aircraft Industries GmbH	Model DA 40	Series DA 40
2. Owner	Name (As shown on registration certificate) ROIMAX USA INC.	Address (As shown on registration certificate) Address 488 RAVEN WAY	
		City NAPLES	State FLORIDA
		Zip 34110-116	Country USA

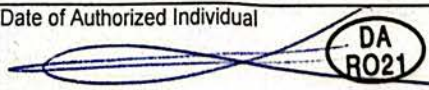
3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☒	☐	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type _____		
			Manufacturer _____		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency	
Name Diamond Aircraft Industries Inc. AMO		☐ U. S. Certificated Mechanic	☐ Manufacturer
Address 1560 Crumlin Sideroad		☐ Foreign Certificated Mechanic	C. Certificate No.
City London State Ontario		☐ Certificated Repair Station	
Zip N5V 1S2 Country Canada		☒ Certificated Maintenance Organization	AMO # 161-93

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual  SEP 08 2014
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY	FAA Fit. Standards Inspector	Manufacturer	☒ Maintenance Organization	Persons Approved by Canadian Department of Transport
	FAA Designee	Repair Station	Inspection Authorization	
				Other (Specify)

Certificate or Designation No. DA R06	Signature/Date of Authorized Individual  SEP 08 2014
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Aircraft Weight and Balance Revision

Tail Number: N658DS				Date: 6/14/2012	
Prepared by: PrimePlanes Aircraft Services 240 Aviation Dr. N Suite 102 Naples, FL. 34104				Work Order No:	
				Type Certificate Data No:	
Aircraft Make: Diamond	Model: DA-40	Serial No: 40.662	Time: 2398.8		
Registered Owner: ROIMAX USA INC		Address: 488 Raven Way Naples, FL, 34110			
Maximum Weight 2535		CG Range FWD *** AFT ***			
As Received; Date of Previous Weight and Balance: 7/10/2006		Useful Load: 795	EW: 1748	EWCG: 97.13	Moment: 169736.06
Notes: *** refer to TCDS and POH for loading and CG ranges.					
		Weight	Arm	Moment	
Removal of ELT Model E-01		-3.00	173.2	-519.60	
Installation of ELT Model E-04		1.4	173.2	242.48	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
		0.00	0.00	0.00	
☒ As Calculated ☐ As Weighed		Moment 169458.94 Weight 1746.40		New Empty Weight CG 97.03	
				New Useful Load 796.60	
Signature Paul Kinstaszek 					
Repair Agency or License No: A&P 3062365					

NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

8. Description of Work Accomplished

(If more space is required, attach additional sheets. Identify with aircraft nationality and registration mark and date work completed.)

USA N658DS

Nationality and Registration Mark

September 08, 2014

Date

Diamond Aircraft Industries Inc. Approved Maintenance Organization (AMO # 161-93)
WORK ORDER # RO-14-013 Aircraft S/N: 40.662 TTAF:3295.6 Hrs.

Diamond Aircraft Industries GmbH (Type Certificate Holder) issued Mandatory Service Bulletin No. MSB 40-074 reinforcement of the Aft main spar carried out I.A.W. Work Instructions No. WI-MSB 40-074 by following instructions Steps 1 through 16.

As this Aircraft has Airframe total Time of more than 3000 Hrs. This bulletin calls for Repetitive Inspections of the Repaired area every 500 hrs. or 48 months whichever occurs first.

Hence the Next inspection will be due at TTAF: 3795.6 Hrs. or September 08, 2018.

The above mentioned repair concludes compliance of FAA AWD 2014-13-08

END

☐ Additional Sheets Are Attached



U.S. Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

Form Approved
OMB No. 2120-0020
11/30/2007

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark N650DS	Serial No. 40.662	
	Make DIAMOND	Model DA-40	Series
2. Owner	Name (As shown on registration certificate) BRIAN KELLY	Address (As shown on registration certificate) 149 CHURCH STREET APT. 5E NEW YORK, NY 10007-2242 USA	

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	_____	(As described in Item 1 above)	_____
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type		
			Manufacturer		

6. Conformity Statement

A. Agency's Name and Address LANCASTER AVIONICS, INC. 500-U AIRPORT ROAD LITITZ, PA 17543	B. Kind of Agency	
	☐ U. S. Certificated Mechanic	☐ Manufacturer
	☐ Foreign Certificated Mechanic	C. Certificate No.
	☒ Certificated Repair Station	LN7R261N
	☐ Certificated Maintenance Organization	

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U. S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐	Signature/Date of Authorized Individual Mark J. Forth 06-March-2019
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7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

FAA Fit. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
BY	FAA Designee	☒ Repair Station	Inspection Authorization
			Other (Specify)

Certificate or Designation No. LN7R261N	Signature/Date of Authorized Individual Todd M. Adams 05-March-2019
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US Department
of Transportation
Federal Aviation
Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp. 5/31/2018

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft	Nationality and Registration Mark USA N658DS	Serial No. 40.662
	Make DIAMOND AIRCRAFT IND	Model DA Series 40
2. Owner	Name (As shown on registration certificate) KELLY BRIAN	Address (As shown on registration certificate) Address 505 W 37TH ST APT 4304 City NEW YORK State NY Zip 10018-1166 Country USA

3. For FAA Use Only

4. Type		5. Unit Identification			
Repair	Alteration	Unit	Make	Model	Serial No.
☐	☒	AIRFRAME	DIAMOND AIRCRAFT IND	(As described in Item 1 above)	40.662
☐	☐	POWERPLANT			
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type Manufacturer		

6. Conformity Statement

A. Agency's Name and Address		B. Kind of Agency		C. Certificate No. A&P 2704293
Name DARREN TILLMAN	Address 1505 CASEY LN City PORT ORNAGE State FL Zip 32129 Country USA	☒ U. S. Certificated Mechanic	Manufacturer	
☐ Foreign Certificated Mechanic				
☐ Certified Repair Station				
☐ Certified Maintenance Organization				

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel
per 14 CFR Part 43
App. B ☐

Signature/Date of Authorized Individual

11-24-2020

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

FAA Flt. Standards Inspector	Manufacturer	Maintenance Organization	Persons Approved by Canadian Department of Transport
FAA Designee	Repair Station	Inspection Authorization	Other (Specify)

Certificate or
Registration No. A&P
03497403 IA

Signature/Date of Authorized Individual

11-24-20