

The United States of America  
Department of Transportation  
**Federal Aviation Administration**  
Washington, D.C.

No. E408879

# Export Certificate of Airworthiness

This certifies that the product identified below and more particularly described in Specification (s)<sup>1</sup> of the Federal Aviation Administration, Numbered **P-920** has been examined and as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government, except as noted below. This certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: **Aircraft Propeller**  
Manufacturer: **Hartzell Propeller Inc.**  
Model: **HC-C2YR-1BF/F7495S**  
Serial No.: **CH39313B**  
New  Newly Overhauled   
Used Aircraft   
Country to which exported: **Canada**  
Exceptions:  
**NONE**



L. D. Meyers, DOA-100082-CE

Signature of Authorized Representative

**September 27, 2005**

Date

**Hartzell Propeller Inc. (PC-10)**

District Office or Designee Number



<sup>1</sup> For complete aircraft, list applicable specification or Type Certificate Data Sheet numbers for the aircraft, engine, and propeller. Applicable specifications or Type Certificate Data Sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

| NO. | DATE    | TIME  | TOTAL TIME |       | REMARKS |
|-----|---------|-------|------------|-------|---------|
|     |         |       | START      | STOP  |         |
| 1   | 11/1/80 | 10:00 | 10:00      | 10:00 |         |
| 2   |         |       |            |       |         |
| 3   |         |       |            |       |         |
| 4   |         |       |            |       |         |
| 5   |         |       |            |       |         |
| 6   |         |       |            |       |         |

PROPELLER LOG

- 1. Make HARTZELL
- 2. Model HC-C21R-18F
- 3. Specification No. P-920
- 4. Date of Manufacture \_\_\_\_\_
- 5. Hub Serial No. CH3933B
- 6. Blades
  - (a) Design No. F7495S
  - (b) Blade Serial Nos.
    - (i) K27833
    - (ii) K27828
    - (iii) \_\_\_\_\_
    - (iv) \_\_\_\_\_
    - (v) \_\_\_\_\_
  - (c) Pitch Setting
    - (i) Basic \_\_\_\_\_
    - (ii) High \_\_\_\_\_
    - (iii) Low \_\_\_\_\_
    - (iv) Reverse \_\_\_\_\_

AND

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, AND

| DATE        | TIME RUN |      | TOTAL TIME SINCE OVERHAUL | BROUGHT FORWARD   |
|-------------|----------|------|---------------------------|---|
|             | HRS.     | MIN. |                           |   |
| DEC 14 2005 | 0        | 0    | 4.1                       | PROPELLER INSTALLED NEW ON DA40 514 HOURS BROUGHT FORWARD |

**PROP MODEL:** HCCZYR1BF  
**PROP S/N:** CH39313B  
**REG. NO.:** 230DS  
**WORK ORDER:** 586-04-2006  
**DATE:** 4/25/2006  
**HOBS:** 49.6  
**PROP TT:**  
**A/C TSN:**  
**Premier Aircraft Service, Inc.**  
 5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

I certify this propeller has been inspected in accordance with a 100-HR inspection and found in airworthy condition on this date. Approved for return to service on this date.

**SIGNED:** *Emmanuel Vicioso*  
**DATE:** 4/25/2006  
 Emmanuel Vicioso, A&P: 592157851  
 Printed by EBIS 3 (datcomedia.com)

**PROP MODEL:** HCCZYR1BF  
**PROP S/N:** CH39313B  
**REG. NO.:** 230DS  
**WORK ORDER:** 880-10-2006  
**DATE:** 11/8/2006  
**TACH:** 133.2  
**PROP TT:** 133.2  
**A/C TSN:** 133.2  
**Premier Aircraft Service, Inc.**  
 5540 NW 23rd Avenue Hanger 14  
 Fort Lauderdale, FL 33309  
 Phone: (954) 334-2393

I certify this propeller has been inspected in accordance with an Annual inspection and found in airworthy condition on this date. Approved for return to service on this date. THIS RELEASE IN NO WAY CERTIFIES FUTURE AIRWORTHINESS

**SIGNED:** *Jack Wesley Dale*  
**DATE:** 11/8/2006  
 Jack Wesley Dale, IA: 456967085  
 Printed by EBIS 3 (datcomedia.com)

| DATE        | TACH       | TRCH. | 320 S | INSPECTED PROP & SPINNER TACH & DIAMOND 100HR INSTALLED | AND DETERMINED TO BE IN AIRWORTHY CONDITION. |
|-------------|------------|-------|-------|---|--|
| SEPT 20, 07 | TACH 236.8 |       |       | INSPECTED PROP (AW) DIAMOND 100/90HR HR INSPECTED       | AND DETERMINED TO BE IN AIRWORTHY CONDITION. |
| 01 DEC 07   |            |       |       | INSPECTED PROP & SPINNER TACH & DIAMOND 100HR INSTALLED | AND DETERMINED TO BE IN AIRWORTHY CONDITION. |

TOTAL THIS PAGE  
 TOTAL FROM PREVIOUS SUMMARY  
 TOTAL SINCE MFG.

Inspected and found prop and spinner in airworthy condition and found to be in airworthy condition and return to service.

R Strong AP3901556  
*[Signature]*

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

40.599 AS PER STC No. SA01850CH

DA  
Q 42  
DA  
Q 42

Tach 519 2005  
 TTAF: 519 2005

I certify that this aircraft is in accordance with the applicable inspection and maintenance requirements and is airworthy for flight.

*[Signature]*

Tach 519 2005

I certify that this aircraft is in accordance with the applicable inspection and determination requirements and is airworthy for flight.

*[Signature]*

Tach 519 2005

I certify that this aircraft is in accordance with the applicable inspection and determination requirements and is airworthy for flight.

*[Signature]*

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
 OR LIFE

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 19357

## Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 9/11/2009  
A/C TSN: 902.5  
PROP TT: 902.5  
TACH: 902.5

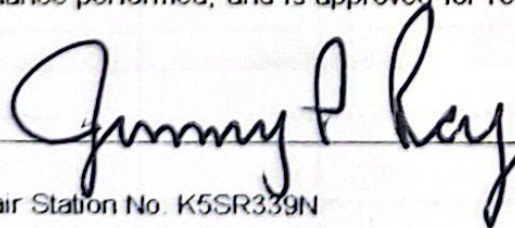
### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 19357

DATE: 9/11/2009

SIGNED:



Jray  
Certified Repair Station No. K5SR339N

Work Order: 19357

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 19968

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 1/21/2010  
A/C TSN: 1001.5  
PROP TT: 1001.5  
TACH: 1001.5

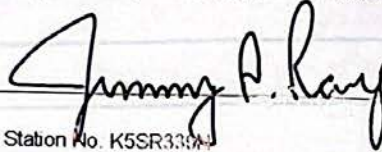
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 19968

DATE: 1/21/2010

SIGNED:



Work Order: 19968

jr  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 20300

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 4/22/2010  
A/C TSN: 1098.3  
PROP TT: 1098.3  
TACH: 1098.3

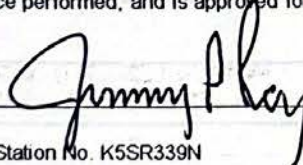
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... PROPELLER BLADES DRESSED AND PAINTED AS REQUIRED.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20300

DATE: 4/22/2010

SIGNED:



Work Order: 20300

jr  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 20540

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 6/18/2010  
A/C TSN: 1196  
PROP TT: 1196  
TACH: 1196

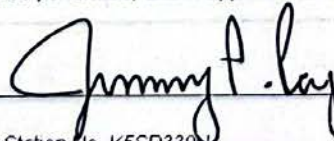
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... PROP BLADES DRESSED AND FACE PAINTED.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20540

DATE: 6/18/2010

SIGNED:



Work Order: 20540

jr  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG NO: N230DS  
WORK ORDER: 20813

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 9/22/2010  
A/C TSN: 1278.6  
PROP TT: 1278.3  
TACH: 1278.6

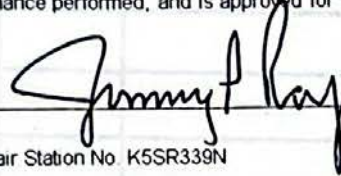
#### Prop Entries

PROPELLER ON RADIUS DRESSED OUT SMOOTH. LIGHTLY DRESSED AND PAINTED PROPS.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 20813

DATE: 9/22/2010

SIGNED:



Work Order: 20813

Jray  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 21058

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 10/7/2010  
A/C TSN: 1294.1  
PROP TT: 1294.1  
TACH: 1294.1

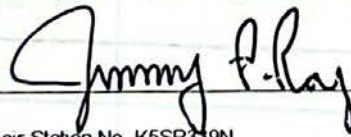
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... PROPELLER DRESSED AND PAINTED AS NECESSARY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Repair order No. 21058

DATE: 10/7/2010

SIGNED:



Work Order: 21058

Jray  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N: CH39315B  
REG. NO: N230DS  
WORK ORDER: 21666

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 3/3/2011  
A/C TSN: 1394.2  
PROP TT: 1394.2  
TACH: 1394.2

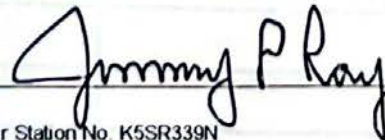
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.... PROPELLER BLADES DRESSED AND PAINTED AS NECESSARY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 21666

DATE: 3/3/2011

SIGNED:



Work Order: 21666

Jray  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER 22146

### Million Air - Salt Lake City

Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 6/17/2011  
A/C TSN 1494 4  
PROP TT 1494 4  
TACH 1494 4

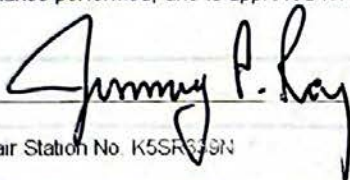
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 22146

DATE: 6/17/2011

SIGNED:



Work Order: 22146

ray  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER 22611

### Million Air - Salt Lake City

Repair Station No K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 9/29/2011  
A/C TSN 1594 2  
PROP TT 1594 2  
TACH 1594 2

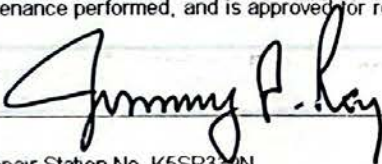
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 22611

DATE: 9/29/2011

SIGNED:



Work Order: 22611

ray  
Certified Repair Station No. K5SR339N

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PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER 22815

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone 801 359-2085

DATE 11/11/2011  
A/C TSN 1693 8  
PROP TT 1693 8  
TACH 1693 8

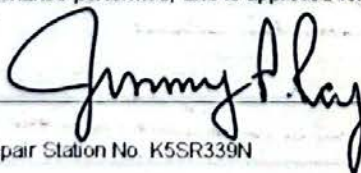
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 22815

DATE: 11/11/2011

SIGNED:



Work Order: 22815

ray  
Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP SN: CH39315d  
REG NO: N230DS  
WORK ORDER: 22964

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 1/6/2012  
A/C TSN: 1793 3  
PROP TT: 1793 3  
TACH: 1793 3

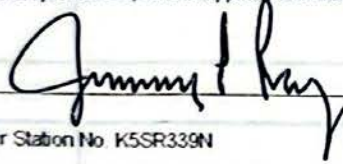
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. \*\*\*\*\*PROPELLER DRESSED AND PAINTED AS NECESSARY.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 22964

DATE: 1/6/2012

SIGNED:



Work Order: 22964

Jay

Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP SN: CH39315F  
REG NO: N230DS  
WORK ORDER: 23389

### Million Air - Salt Lake City

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 3/28/2012  
A/C TSN: 1892 4  
PROP TT: 1892 4  
TACH: 1892 4

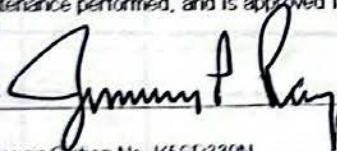
#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Million Air-SLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 23389

DATE: 3/28/2012

SIGNED:



Work Order: 23389

Jay

Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP SN: CH39315B  
REG NO: N230DS  
WORK ORDER: 23703



KEYSTONE AVIATION

### Keystone Aviation LLC

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 7/6/2012  
A/C TSN: 1994 6  
PROP TT: 1994 6  
TACH: 1994 6

#### Prop Entries

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME. \*\*\*\*\*DRESSED AND PAINTED PROP BLADES.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 23703

DATE: 7/6/2012

SIGNED:



Work Order: 23703

sgoodfellow

Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER 24063



KEYSTONE AVIATION

Keystone Aviation LLC

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE 9/14/2012  
A/C TSN 2091 9  
PROP TT: 2091 9  
TACH 2091 9

**Prop Entries**

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.\*\*\*\*\*PROPELLER BLADES LIGHTLY DRESSED AND FACE PAINTED.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 24063

DATE: 9/14/2012

SIGNED:

Work Order: 24063

J. Gray

Certified Repair Station No. K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER: 24445



KEYSTONE AVIATION

Keystone Aviation LLC

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 11/30/2012  
A/C TSN: 2187 9  
PROP TT: 2187 9  
TACH: 2187 9

**Prop Entries**

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 24445

DATE: 11/30/2012

SIGNED:

Work Order: 24445

J. Goodfellow

Certified Repair Station No. K5SR339N

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PROP MODEL:  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER: 24926



KEYSTONE AVIATION

Keystone Aviation LLC

Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801 359-2085

DATE: 3/7/2013  
A/C TSN: 2288 1  
PROP TT: 2288 1  
TACH: 2288 1

**Prop Entries**

PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.\*\*\*\*\*PROPELLER LIGHTLY DRESSED AND PAINTED PER HARTZELL PROPELLER OWNERS MANUAL 115N-0000-R18-AW CHAPTER 61-00-15 REV 17 DATED JULY 2012.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 24926

DATE: 3/7/2013

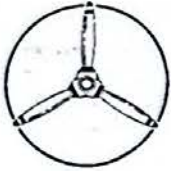
SIGNED:

Work Order: 24926

M. Robertson

Certified Repair Station No. K5SR339N

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# PRECISION PROPELLER SERVICE, INC.

4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: Hartzell Model: HC-C2YR-1BF S/N: CH39313B TT: Not Provided TSOH: -0-

### DESCRIPTION OF WORK ACCOMPLISHED

Overhauled and reconditioned in accordance with Hartzell S/M's 113B-R40, 133C-R30, 202A (Volumes 1-R44, 2-R29, 3-R33, 6-R30, 7-R35, 8-R30, 9-R31, 10-R32, 11-R34). Made liquid penetrant and magnetic particle inspections of all parts. Etched and penetrant inspected blade shanks and pilot bores. Eddy current inspected blade balance holes. Inspected blade shanks for conformity on optical comparator. Recontoured blade leading edges and tips and reconditioned blades. Checked blade width and thickness. Set angles and face alignment. Cold rolled blade shanks. Shot peened blade pitch change knobs and airfoils. Anodized and painted hub and blades. Cadmium plated steel parts. Assembled prop with new seals. Set angles, track and balance. Safety wired. Complied with S/B 118F-R1, 136-R1. S/I 152A. S/L 154, 217, 229-R2, 267, 293-R1 AD 2007-26-09. Blade Design: F7495S S/N's K27828, K27833.

### MAINTENANCE RELEASE

The work and/or inspection of the part or parts identified heron has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No: 28293 Dated: May 15, 2013

Signature of authorized person



F.A.A. CERTIFIED REPAIR STATION NO. FG6R534N

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO N230DS  
WORK ORDER 24852



Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 5/23/2013  
A/C TSN 2387 5  
PROP TT 2387 5  
TACH 2387 5

### Prop Entries

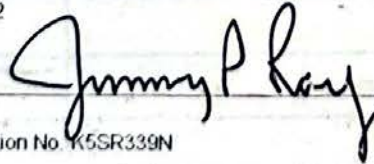
(2) PROPELLER MODEL HC-C2YR-1BF S/N CH39315B REMOVED AND SENT TO PRECISION PROPELLER SERVICE, INC CRS # FG6R534N WHERE UNDER THEIR W.O. # 28293 DATED 05/15/13 IT WAS OVERHAULED. RE INSTALLED PROPELLER MODEL HC-C2YR-1BF S/N CH39315B PER DA40 AMM CHAPTER 61-12-00. OPERATIONAL CHECK SATISFACTORY IAW DIAMOND DA-40 AMM 61-11-00.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 24852

DATE: 5/23/2013

SIGNED:

Jimmy P. Ray  
Certified Repair Station No. K5SR339N



Work Order: 24852

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PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO: N230DS  
WORK ORDER: 25183



Repair Station No: K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 5/23/2013  
A/C TSN: 2387.5  
PROP TT: 2387.5  
TACH: 2387.5

**Prop Entries**

(4) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. 25183

DATE: 5/23/2013

SIGNED:

Work Order: 25183

Jimmy P. Ray  
Certified Repair Station No: K5SR339N

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PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO: N230DS  
WORK ORDER: P1263



Repair Station No: K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 9/6/2013  
A/C TSN: 2486.7  
PROP TT: 2486.7  
TSPOH: 99.2  
TACH: 2486.7

**Prop Entries**

(6) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1263

DATE: 9/6/2013

SIGNED:

Work Order: P1263

Jimmy P. Ray  
Certified Repair Station No: K5SR339N

Printed by EBis 3 (datcomedia.com)

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG NO: N230DS  
WORK ORDER: P1468



Repair Station No: K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 1/21/2014  
A/C TSN: 2571  
PROP TT: 2486.7  
TSPOH: 99.2  
TACH: 2571

**Prop Entries**

(6) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

(11) LIGHTLY DRESSED AND BURNISHED SMALL NICKS ON BOTH SIDES OF PROP LEADING EDGE REF AC-43.13-1B SEC 4 PAR 8-73.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1468

DATE: 1/21/2014

SIGNED:

Work Order: P1468

Jimmy P. Ray  
Certified Repair Station No: K5SR339N

Printed by EBis 3 (datcomedia.com)

*Handwritten note: Inspected in 2014*

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG. NO N230DS  
WORK ORDER: P1468



Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 1/21/2014  
A/C TSN 2589 5  
PROP TT 2589 5  
TSPOH 202  
HOBBS 3373.5

### Prop Entries

(6) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

(11) LIGHTLY DRESSED AND BURNISHED SMALL NICKS ON BOTH SIDES OF PROP LEADING EDGE REF AC 43.13-1B SEC 4 PAR 8-73.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1468

DATE: 1/21/2014

SIGNED:

Jimmy P. Ray  
Certified Repair Station No. K5SR339N

Work Order: P1468

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1 of 1

PROP MODEL  
HC-C2YR-1BF  
PROP S/N CH39315B  
REG. NO N230DS  
WORK ORDER: P1664



Repair Station No. K5SR339N  
303 N 2370 W  
Salt Lake City, Utah 84116  
Phone: 801-933-7500

DATE: 5/23/2014  
A/C TSN: 2684.5  
PROP TT: 2684.5  
TSPOH: 297  
TACH: 2684.5

### Prop Entries

(6) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

(11) PROPELLER BLADES LIGHTLY DRESSED.

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1664

DATE: 5/23/2014

SIGNED:

Shane L. Record  
Certified Repair Station No. K5SR339N

Work Order: P1664

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1 of 1

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

PROP MODEL  
 HC-C2YR-1BF  
 PROP S/N CH39315B  
 REG NO N230DS  
 WORK ORDER P1887



Repair Station No. K5SR339N  
 303 N 2370 W  
 Salt Lake City, Utah 84116  
 Phone: 801-933-7500

DATE 11/4/2014  
 A/C TSN 2783 9  
 PROP TT 2783 9  
 TSPOH 386 4  
 TACH 2783 9

**Prop Entries**

(6) PROPELLER HAS BEEN INSPECTED FOR A 100 HOUR INSPECTION PER FAR 43 APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED AT THIS DATE AND TIME.

(10) LIGHTLY DRESSED PROPELLOR AND PAINTED FACE WITH FLAT BLACK PROP PAINT

I certify the airframe, engine and/or component identified herein was repaired and inspected in accordance with the current Keystone Aviation LLC Repair Manual System and the Federal Aviation Regulations under which the operator is certified, and was determined to be in an Airworthy Condition at this date and time with regards to the inspection(s) and/or maintenance performed, and is approved for return to service as per those requirements. Pertinent details of the repair are on file under Work order No. P1887.

DATE: 11/4/2014

SIGNED:

Work Order: P1887

Jimmy P. Ray  
 Certified Repair Station No. K5SR339N

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1 of 1

**PrimePlanes Aircraft Services Inc.**

111 Aviation Drive North  
 Naples, Florida 34104, ph. 239-659-4005



REG **N230DS** TYPE **HC-C2YR-1BF** TACH **3034.5** TSO **647**

C/W a 100 hour inspection IAW FAR Part 43, appendix D. AD's checked through 07/06/2016, I certify that this Propeller has been inspected IAW a 100 hour inspection, and determined to be in an Airworthy condition.

Signature

Simon Crawford, A&P 3277003

Date

7/6/2016

**PrimePlanes Aircraft Services Inc.**

111 Aviation Drive North  
 Naples, Florida 34104, ph. 239-659-4005



REG. **N230DS** TYPE **HC-C2YR-1BF** TSO **745.8** S/N **CH39313B**

Removed Propeller and send to Aircraft Propeller Works.

Signature

Simon Crawford, A&P 3277003

Date

10/25/2016

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
 OR LIFE



**Propeller Log Book**  
**March 23, 2018**

|                           |                     |                             |
|---------------------------|---------------------|-----------------------------|
| Reg No: N230DS            | Aircraft type: DA40 | Aircraft S/N: 40.599        |
| Tach: 3402.5              | Hobbs: n/a          | Aircraft Total Time: 3402.5 |
| Engine Total Time: 1015.0 | Engine SMOH: n/a    | Engine S/N: RL-32269-51E    |
| Prop Total Time: 3402.5   | Prop SMOH: 1015.0   | Prop S/N: CH39313B          |

1. I certify that this propeller has been inspected in accordance with an Annual inspection and found to be in airworthy condition. Inspection performed in accordance with FAR 43 appendix D, using the Diamond DA40 maintenance manual inspection guide as a reference.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: March 23, 2018

Signed: \_\_\_\_\_

Thomas A Ferguson AP/IA 3020594

2/5/2019

PROPELLER LOG ENTRY N230DS

TACH:4580.8

Completed a 100 hr. inspection of this PROPELLER In Accordance With FAR 43 Appendix (d) and the Diamond DA40 Maintenance Manual Inspection Checklist. AD's reviewed and complied with through 2019-2/-3. Inspected blades, backing plate, spinner and mounting hardware for condition and security, no defects found. Post inspection run up and leak check good.

"The PROPELLER noted above has been inspected/repared IAW the above references and has been found to be in an airworthy condition and has been approved for return to service".

MICHAEL HUGHES AP/IA 3361639

10/25/2019  
Hobbs: 4628.2

Cleaned, primed, and painted the prop face flat black.

Call K Cut A+P 2679256

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, DEFECTS, MODIFICATIONS  
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNAPPROVED ENTRIES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

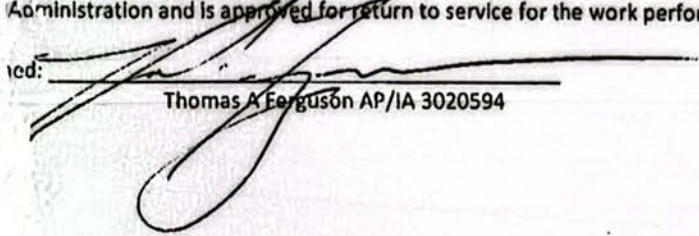
### Propeller Log Book March 23, 2018

|                         |                     |                             |
|-------------------------|---------------------|-----------------------------|
| Reg No: N230DS          | Aircraft type: DA40 | Aircraft S/N: 40.599        |
| Tach: 3402.5            | Hobbs: n/a          | Aircraft Total Time: 3402.5 |
| Engine Total Time: 1015 | Engine SMOH: n/a    | Engine S/N: RL-32269-51E    |
| Prop Total Time: 3402.5 | Prop SMOH: 1015.0   | Prop S/N: CH39313B          |

1. I certify that this propeller has been inspected in accordance with an Annual Inspection and found to be in airworthy condition. Inspection performed in accordance with FAR 43 appendix D, using the Diamond DA40 maintenance manual inspection checklist as a reference.

This aircraft, airframe, engine, propeller, and appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: March 23, 2018

Signature:   
 Thomas A Ferguson AP/IA 3020594

2/5/2019

PROPELLER LOG ENTRY N230DS

TACH:4580.8

Completed a 100 hr. inspection of this PROPELLER In Accordance With FAR 43 Appendix (d) and the Diamond DA40 Maintenance Manual Inspection Checklist. AD's reviewed and complied with through 2019-2/-3. Inspected blades, backing plate, spinner and mounting hardware for condition and security, no defects found. Post inspection run up and leak check good.

"The PROPELLER noted above has been inspected/repaired IAW the above references and has been found to be in an airworthy condition and has been approved for return to service".

MICHAEL HUGHES AP/IA 3361639



10/25/2019  
 Hobbs: 4628.2

Cleaned ~~and~~ primed, and painted the prop face flat black.

Cable K Cut A+P 2079256

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
 OR LIFE

PROPELLER SERVICE AND

2/24/2020

PROPELLER LOG ENTRY N230DS

TACH: 4658.9

Completed a 100hr inspection of this PROPELLER at time of annual inspection, In Accordance With FAR 43 Appendix (d) and the Diamond Aircraft DA40 Maintenance Manual Inspection Checklist. AD's reviewed and complied with through 2020-04/05.

"The PROPELLER noted above has been inspected/repaired IAW the above references and has been found to be in an airworthy condition and has been approved for return to service".

MICHAEL HUGHES AP/IA 3361639

wo: WO2020169

Propeller - page 1 of 1

**CURTIS AIR**

Curtis Air - 176 Harrison Street - Pittsfield, ME 04967 - 2074875213

N230DS  
TACH: 3643.2

Hartzell, HC-C2YK-1BF, S/N: CH39313B  
PTT: 3643.2 TSOH: 1255.7

November 17, 2020

1. This propeller has been inspected in accordance with an annual inspection and found to be airworthy at this time.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Curtis Air under work order: WO2020169.

Caleb Curtis A&P IA 2679256

11/28/2021

PROPELLER LOG ENTRY N230DS

HOBBS: 4978.4

Completed a 100 ~~hr~~ hr inspection of this PROPELLER at time of annual inspection, In Reference To FAR 43 Appendix (d) and the Diamond DA40 Maintenance Manual Inspection Checklist. AD's reviewed and complied with through 2021-24/25. Inspected blades, hub, spinner, backing plate, and mounting hardware for condition and security. No defects noted. Aircraft returned to service. MICHAEL HUGHES AP/IA 3361639

4/29/2022

PROPELLER LOG ENTRY N230DS

TACH: ~~3271.0~~ <sup>3271.0</sup>

Completed a 100 hr inspection of this PROPELLER In Reference To FAR 43 Appendix (d) and the Diamond DA40 Maintenance Manual Inspection Checklist. Aircraft returned to service.

MICHAEL HUGHES AP/IA 3361639

|                             |  |  |
|-----------------------------|--|--|
| TOTAL THIS PAGE             |  |  |
| TOTAL FROM PREVIOUS SUMMARY |  |  |
| TOTAL SINCE MFG.            |  |  |

MAINTENANCE RECORD

**12/3/2022      PROPELLER LOG ENTRY N230DS      HOBBS: 5196.6**

Inspected blades, hub, backing plate, and mounting hardware for condition and security, no defects noted. Propeller returned to service.

MICHAEL HUGHES AP/IA 3361639



**10/30/2023      PROPELLER LOG ENTRY N230DS      HOBBS: 5420.4**

Completed a 100 hr inspection of this propeller in reference to FAR 43 appendix (d) and the Diamond DA40 Maintenance Manual inspection checklist. Inspected blades, hub, backing plate and mounting hardware for condition and security, no defects noted.

MICHAEL HUGHES AP/IA 3361639



**1/2/2023      PROPELLER LOG ENTRY N230DS      HOBBS: 5460.2**

Inspected blades, hub, backing plate, spinner, and mounting hardware for condition and security, no defects noted. MICHAEL HUGHES AP/IA 3361639



**1/9/2024      PROPELLER LOG ENTRY N230DS      HOBBS: 5510.4**

*TAOH: 4171.1*

Inspected blades, hub, backing plate, spinner and mounting hardware for condition and security. No defects noted. MICHAEL HUGHES AP/IA 3361639



**4/28/2026      PROPELLER LOG ENTRY      HOBBS: 5697.2**

Installed an overhauled propeller IAW FAR 43 appendix (d). Ground operational check good. Propeller returned to service. MICHAEL HUGHES AP/IA 3361639



