

HARTZELL PROPELLER INC.  
One Propeller Place  
Piqua, Ohio 45356-2634 U.S.A.  
Telephone: 937.778.4200  
Telex: 4332032  
Fax: 937.778.4391

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL BHC D7F-18F/F7694

PROPELLER S/N EF 3796

LOGBOOK # 1

THIS SERVICE RECORD shall accompany the propeller equipment at all times. When equipment is installed as part of an Aircraft or engine, this record shall be maintained concurrently with and become a part of the Aircraft and Engine Service Records.

### PROPELLER MAINTENANCE RECORD

Position CNR

Propeller Model BHC-324F-16F

Propeller S/N EF577B

Blade Design F-7634

Blade S/N's

No. 1 K07896

No. 2 J07895

No. 3 \_\_\_\_\_

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_

### PITCH RANGE

High/Feather \_\_\_\_\_

Start Lock \_\_\_\_\_

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer Circus Design

Aircraft-Model SR20

S/N 1465

Registration N6019C



Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
				Logbook Entry PROPELLER
				3/24/2005 Hobbs: 397.5 A/C TT: 397.5 N601CD S/N: 1405 ENG TT: 397.5
				Complied with 100 hour inspection in accordance with Cirrus Design Maintenance Manual #12137-001 dated December 15 2002 Chapter 5-20. Dressed prop leading edges. Lubricated prop as per Hartzell maintenance manual. Propeller found to be in an airworthy condition at this time and approved for return to service.
				David Schaefer A&P 601704603 <i>David Schaefer</i>
4-1-05	444.8	N/A	444.8	Hobbs - 444.8 Removed propeller from N601CD for engine removal. <i>W/ J/L A&amp;P 2679706</i>
4-23-05	444.8	N/A	444.8	Hobbs - 444.8 Reinstalled propeller on N601CD after reinstallation of engine. <i>All ops and 1k hrs good. W/ J/L A&amp;P 2679706</i>

PROPELLER  
HARTZELL BHC-J2Y S/N EF379B TT. 680.4  
CLEANED PROP HUB AND BLADES TOUCHED UP PAINT ON  
AFT FACE. PROP. WAS INSPECTED IN CONJUNCTION WITH A 100  
HR. NO DEFECTS NOTED.  
DOUGLAS E. BURKE A&P 2012206 1A

*Douglas E. Burke* 07/07/05

07/26/05 Hartzell Prop. BHC-J2Y S/N EF379B TT. 733.5  
Prop was cleaned and inspected in conjunction  
with a 50 Hr Insp. - No Defects Noted  
*Douglas E. Burke A&P 2012206*

08/16/05 Hartzell prop. BHC-J2Y S/N EF379B TT. 780.1  
Prop was cleaned and inspected in conjunction with  
a 100 Hr Insp. No Defects Noted  
*Douglas E. Burke A&P 2012206*

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<del>4/28/05</del>	<del>444.8</del>	<del>N/A</del>	<del>444.8</del> <del>Hobbs</del> <del>444.8</del> <del>Removed propeller for removal of engine.</del> <del>AP526797588</del>
10/3/05	878.5	N/A	878.5 Propeller was inspected IAW A 100 HR. INSP. No Defects NOTED Douglas 5 Bush AP201220614

Date: 11-04-05  
N601CD

ACTT: 963.3  
Hobbs: 963.3

Prop TSN: 963.3  
Prop TSO: N/A

Completed Annual Inspection in accordance with Cirrus SR-20 Annual Inspection checklist. Dressed out prop blades, profiled leading edges, alodined, primed and painted. Serviced hub with A/S-6 grease. Ops check good.

Verified compliance with AD2002-09-08, prop rework, (6-13-02) by one-time and rework by blade s/n's. No further action required.

ADs current through 2006-22.

I certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

  
Rudy J. Tilman AP526797588A

11-23-05

N601CD

Propeller Log

Hobbs: 1034.4

Dynamically balanced propeller. No changes made to static balance weights. See aircraft log this date for details.

  
Rudy J. Tilman AP526797588

Date: 12-3-06  
N601CD


Hobbs: 1063.3  
ACTT: 1063.3

Prop TT: 1053.3  
Prop TSO: N/A

Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Dressed out and touched-up all prop blades.

ADs current through 2006-23.

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

  
Rudy J. Tilman AP526797588

Date: 1-14-08  
N601CD


Hobbs: 1146.0  
ACTT: 1146.0

Prop TT: 1146.0  
Prop TSO: N/A

Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Serviced hub with A/S-6 grease.

ADs current through 2006-02.

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

  
Rudy J. Tilman AP526797588

3-3-08  
N601CD

Prop Log

Hobbs: 1238.6  
ACTT: 1238.6

Prop TT: 1238.6  
Prop TSO: N/A

Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Serviced hub with A/S-6 grease. Dressed out blade leading edges and touched up paint.

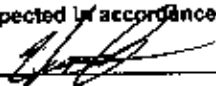
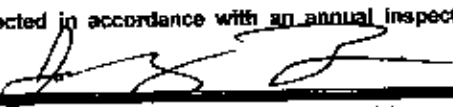

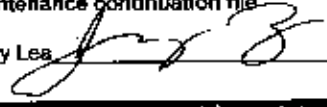
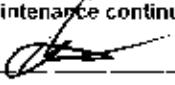
ADs current through 2006-04.

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

  
Rudy J. Tilman AP526797588

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
4-17-06	N601CD	Prop Log	Hobbs: 1337.4 ACTT: 1337.4 Prop TT: 1337.4 Prop TSO: N/A
<p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Serviced hub with A/S-6 grease. Dressed out blade leading edges.</p> <p>ADs current through 2006-07.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p><i>Robert T. Beckham</i> AP527333935 Robert T. Beckham</p>			
6-10-06	N601CD	Prop Log	Hobbs: 1438.5 ACTT: 1438.5 Prop TT: 1438.5 Prop TSO: N/A
<p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Serviced hub with A/S-6 grease. Dressed out leading edges; alodined primed and painted as necessary.</p> <p>ADs current through 2006-11.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p>Rudy Tilman <i>Rudy Tilman</i> AP526797588</p>			
8-16-06	N601CD	Prop Log	Hobbs: 1535.9 ACTT: 1535.9 Prop TT: 1535.9 Prop TSO: N/A
<p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Dressed out blade leading edges and touched up paint. Ops checks good.</p> <p>ADs current through 2006-16.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p><i>Shawn Rockey</i> AP003116097 Shawn Rockey</p>			

10-4-06	N601CD	Prop Log	Hobbs: 1635.9 ACTT: 1635.9 Prop TT: 1635.9 Prop TSO: N/A
<p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Dressed out blade leading edges and touched up paint. Removed and re-installed prop to facilitate all #1 belt replacement. Ops and leak checks good.</p> <p>ADs current through 2006-19.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p><i>Shawn Rockey</i> AP003116097 Shawn Rockey</p>			
12-08-06	N601CD		ACTT: 1733.1 Hobbs: 1733.1 Prop TSN: 1733.1 Prop TSO: N/A
<p>Completed Annual inspection in accordance with Cirrus SR-20 Annual inspection checklist. Dressed out prop blades, profiled leading edges, alodined, primed and painted. Serviced hub with A/S-6 grease. Ops check good.</p> <p>ADs current through 2006-24.</p> <p>I certify that this propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p><i>David Schaefer</i> AP501704603/A David Schaefer</p>			
4-18-07	N601CD	Prop Log	Hobbs: 1834.6 ACTT: 1834.6 Prop TT: 1834.6 Prop TSO: 0.0
<p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Removed prop and sent out for overhaul. Re-installed overhauled prop PN BHC-J2YF-1BF SN EF379B. Adjusted prop governor low pitch stop to 2640 rpm. Ops and leak checks good.</p> <p>ADs current through 2007-07.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p><i>Shawn Rockey</i> AP3116097 Shawn Rockey</p>			

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
6-1-07	N601CD	Prop Log	<p>Hobbs: 1931.7 ACTT: 1931.7</p> <p>Prop TT: 1931.7 Prop TSO: 97.1</p> <p>Completed 100-hr inspection in accordance with Cirrus SR20 100-hr inspection checklist. Serviced hub with A/S-6 grease. Dressed out leading edges, primed and painted as necessary.</p> <p>ADs current through 2007-10.</p> <p>I certify that this propeller has been inspected in accordance with a 100-hr inspection and was determined to be in airworthy condition.</p> <p>Doan Hai  AP2843964</p>
3-10-08	N601CD	Prop Log	<p>Hobbs: 2032.1 ACTT: 2032.1</p> <p>Prop TT: 2032.1 Prop TSO: 197.5</p> <p>Completed Annual inspection in accordance with part 43 appendix "d" and Cirrus SR20 MM inspection checklist. Removed prop and re-installed to facilitate engine R&amp;I. Serviced hub with A/S-6 grease. Dressed out blade leading edges and touched up paint.</p> <p>ADs current through 2008-04.</p> <p>I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition at this time.</p> <p>Jerry Lea  IA3063541</p>
02/07/09	N601CD		<p>Hobbs: 2132.5 ACTT: 2132.5</p> <p>Prop TSN: 2132.5 Prop TSO: 297.9</p> <p><b>PROPELLER LOG</b></p> <p>Completed 100-hr inspection in accordance with Part 43 appendix "d" and Cirrus SR20 MM inspection checklist. Dressed out blade leading edges and touched up paint. Ops checks good.</p> <p>ADs current through 2009-02.</p> <p>This Propeller has been inspected in accordance with a 100-hr inspection and was approved for return to service at this time. Pertinent details of work performed dated: 02/03/09, will be in this aircraft's maintenance continuation file.</p> <p>Hai Doan  A&amp;P2843964</p>
04/24/09	N601CD		<p>Hobbs: 2166.1 ACTT: 2166.1</p> <p>Prop TSN: 2166.1 Prop TSO: N/A</p> <p><b>PROPELLER LOG</b></p> <p>Completed 100-hr inspection in accordance with Part 43 appendix "d" and Cirrus SR20 MM inspection checklist. Dressed out blade leading edges and touched up paint. Ops checks good.</p> <p>ADs current through 2009-08.</p> <p>This Aircraft has been inspected in accordance with an <u>ANNUAL</u> and was approved for return to service at this time. Pertinent details of work performed dated: 04/24/09, will be in this aircraft's maintenance continuation file.</p> <p>Jerry Lea  A&amp;P3063541IA</p>
06/23/09	N601CD		<p>Hobbs: 2266.0 ACTT: 2266.0</p> <p>Prop TSN: 2266.0 Prop TSO: N/A</p> <p><b>PROPELLER LOG</b></p> <p>Completed 100-hr inspection in accordance with Part 43 appendix "d" and Cirrus SR20 MM inspection checklist. Dressed out blade leading edges and touched up paint. Ops checks good.</p> <p>ADs current through 2009-12.</p> <p>This Aircraft has been inspected in accordance with a <u>100hr inspection</u> and was approved for return to service at this time. Pertinent details of work performed dated: 06/23/09, will be in this aircraft's maintenance continuation file.</p> <p>Hai Doan  A&amp;P2843964</p>

ADVANCED AIRCRAFT CENTER, INC.  
14300 SW 129<sup>TH</sup> STREET  
MIAMI, FLORIDA 33186  
PHONE # 305-259-8291

Date: 3/3/2010	Prop Total Time: 2339.6	Ft Hobbs: 0.0	Prop TSOH: 505.0
Manufact: Hartzell	Model: BHC-J2YF-1BF	Ser. No.: EF379B	Reg: N601CD

PROPELLER MAINTENANCE NOTES

1. INSTALL NEW FLIGHT HOBBS METER & DIFFERENTIAL PRESSURE SWITCH, P/N# 50485-001 AND P/N# 14128-001, OPS CHECK GOOD
2. NEW PROP TOTAL TIME IS 2339.6, FLT HOBBS: 0.0

MAINTENANCE RELEASE

THE PROPELLER IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER WORK ORDER NO. # BA030110 DATE: 3/3/2010

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO AP735430301A

ADVANCED AIRCRAFT CENTER, INC.  
14300 SW 129<sup>TH</sup> STREET  
MIAMI, FLORIDA 33186  
PHONE # 305-259-8291

Date: 5/6/2010	Prop Total Time: 2356.7	Ft Hobbs: 17.1	Prop SOH: 522.1
Manufact: Hartzell	Model: BHC-J2YF-1BF	Ser. No.: EF379B	Reg: 601CD

PROPELLER ENTRY

1. PERFORM CIRRUS ANNUAL/100HR INSPECTION PER THE CIRRUS SR20 INSPECTION MANUAL

MAINTENANCE RELEASE

THE PROPELLER IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY, UNDER FAR 43 APPENDIX "D" ANNUAL/100HR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER WORK ORDER NO. #BA051010 DATE: 5/6/2010

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO AP735430301A

Advanced Aircraft Center, Inc  
14299 SW 127th St, Suite 101  
Miami, Florida 33186  
Ph: 305-259-8291 Fx: 305-259-8302

Date: 6/17/2011; Aircraft: N601CD; Type: Cirrus SR20; Prop - Type: BHC-J2YF-1BF, S/N: EF379B

- 1) Perform Annual/100Hr Inspection I/A/W The Cirrus SR20 Maintenance Manual
- 2) a) Flight Hobbs Reading: 23.3  
b) Hobbs Reading: 2377.9  
c) Prop TT: 2382.9  
d) Prop TSMOH: 528.3

THE PROPELLER IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY UNDER FAR 43 APPENDIX "D" ANNUAL/100HR INSPECTION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE UNDER CORRESPONDING SHOP ORDER REFERENCE NUMBER 11-1201 DATE: 6/17/2011

SIGNATURE OF AUTHORIZED REPRESENTATIVE:

FOR: ADVANCED AIRCRAFT CENTER, INC. PETER J. LO BELLO AP735430301A

**NOTE: THIS DOCUMENT IS PART OF THE PERMANENT MAINTENANCE RECORDS.  
DO NOT DESTROY**



## Pacific Aircraft Services

22265 Yellowgate Lane, Suite 204 Aurora OR 97132 503.784.5580

Date: 06 Jul 2012  
 Aircraft Reg: N601CD  
 Aircraft S/N: 14

Aircraft Hobbs Time: 2458.2  
 Aircraft total time: 2443.2

Prop P/N BHC-J2YF-1BF  
 Prop S/N EF379B

100 hour inspe.  
 Manual checklis  
 100 inspection th  
 43 and has bee  
 to service.

Ad's current th (g)  
 Jeff Schreiber  
 A&P 3159092

Northwest Propeller Service, Inc.  
 16607 103<sup>rd</sup> Ave. Cl. E. Puyallup, WA 98374  
 REPAIR STATION No. IT6R625N

W/O 25656 Mfg: Hartzell Model: BHC-C2YF-1BF s/n: EF379B  
 Disassembled, cleaned, visually inspected. Reworked, alodined and  
 painted blades. Lubed, assembled, balanced and safetied propeller per  
 Hartzell manuals 113B Rev 40, 133C Rev. 30, 159 Rev. 36 and 202A  
 Volumes (1 Rev 46, 7 Rev 35, 8 Rev 30, 10 Rev 32, 11 Rev 35.)

*Ken Schreiber*

Inspector  
 Cert. No. 2647558

September 11 2013  
 Date

7777 NE Airport Way  
 Portland, Oregon 9721  
 FAA CRS#: FCPR831

Log Entry Type: ops

HM/Flight: 21

Complied with the following inspections:

- 1.1 Completed annual inspection I/A/W FAR Part 43, Appendix D using Cirrus SR20 Scheduled Inspection Report AMM 5-20 dated 5-31-11 as a guide
- 1.3 Complied with prop balance weight/ spinner inspection I.A.W. 337 ICA. No balance weights installed.

Following repairs accomplished:

Sqk Work Performed

- 5.2 Propeller repaired by Northwest Propeller Services Inc. FAA # IT6R625N due to blade damage.

Pertinent details of the work described above are on file at this agency under W.O. #: PDX-13-927. I certify that this propeller has been inspected in accordance with FAR Part 43, Appendix D, current federal aviation regulations and was determined to be in airworthy condition with respect to the work performed. END.

Flightcraft Portland CRS# FCPR831D:

*Joseph Korick*

Date: 9/27/13

Joseph Korick

90454 Boeing Drive  
 Eugene, OR 97402

**FLIGHTCRAFT**

Log Entry Type: Propeller

Reg #: N601CD

Model: BHC-J2YF-1BF

S/N: EF379B

Flight/Hobbs: 124.6/2530.0

PTT: 2464.2

TSO: 626.6

Following repairs accomplished:

Sqk Work Performed

- 3.2 Removed propeller governor, found data tag is missing. Reinstalled overhauled and repaired Mooney governor P/N C290D3-K/T23. S/N 770109, per Cirrus SR20 Airplane Maintenance Manual chapter 61-20 dated June 15, 2010. See FAA Form 8130-3 dated January 21, 2014. Overhaul next due at 4330.0 hours.

This certifies that only work requested by the customer under W.O.# EUG-14-265 was accomplished and inspected in accordance with the manufacturer's specifications and current Federal Aviation Administration regulations. is airworthy, and is approved for return to service with respect to the work performed. END.

Kenner Andersen AP48286633

*Kenner Andersen*

Date: February 6, 2014

**DO NOT DESTROY**

PROP MODEL:  
BHC-J2YF-1BF  
PROP S/N: EF3798  
REG. NO: N601CD  
WORK ORDER  
6390-07-2014

## Twin Cities Aviation, Inc.

Repair Station No. STCR1058  
6681 Airport Rd #A-2  
Blaine, Minnesota 55449  
Phone: 763-784-9165

DATE: 9/12/2014  
A/C TSN: 2856.7  
PROP TT: 2856.7  
TSPOH: 822.1  
HOBBS: 2656.7

## Prop Entries

CW - Annual Propeller Inspection IAW Cirrus SR 20 MM and IG. Dressed and painted blades as required. AD's researched to date. Cirrus SR's researched to date. Ground run, ops and leak check satisfactory. I certify that I have inspected this propeller IAW a Annual Inspection and it was determined to be airworthy with respect to work performed at this date and time. The following discrepancies were addressed:

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

DATE: 9/12/2014

SIGNED:

Work Order: 6390-07-2014

Benjamin Porch  
Certified Repair Station No. STCR1058

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RED MOUNTAIN AIRCRAFT MAINTENANCE

N601CD  
HOBBS:2859.9  
AFTT: 2859.9  
9/26/2015

CIRRUS  
SR20  
S/N 1465

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN A AIRWORTHY CONDITION AT THIS TIME.

MARK TORGERSON

AP3207874

N601CD  
HOBBS:2985.4  
TACH:505.9  
PTT: 2985.4  
TSOH: 1150.8



HARTZELL  
BHC-J2YF-1BF  
S/N EF3798B  
10/20/2016

INSPECTED AND LUBED PROPELLER. REMOVED AND INSTALLED SAME PROP GOVERNOR REPAIRED BY WARNER PROPELLER. ADJUSTED GOVERNOR AND LEAK CHECK GOOD. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION.

MARK TORGERSON

AP3207874

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