

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL AHC-5315E-1R5F 57694

PROPELLER S/N FD218518

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model AHS-53X-1R# / # 7691

Propeller S/N FB212513

Blade Design 3 blade

Blade S/N's

No. 1 J8 5663

No. 2 J8 5664

No. 3 J8 5665

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

Registration _____

| Date | Propeller | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|---------|-----------|-----|------------|---|
| | TSN | TSO | | |
| 3-29-03 | 0.8 | N/A | 0.8 | <p>I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 115N Rev. 7 dated Oct/02 Section: 61-00-15 on <u>3-29-03</u> (DATE). The location of the Weight(s) are <u>70,190</u> degree And are <u>13.288</u> gram(s). Placard P/N A-2803 is installed on propeller hub.</p> <p><i>Jd</i> (Sign/Stamp) Cirrus Design Corporation, PC 338CE</p> |

Date: 6/04/2007; Aircraft: N816LT; Type: CIRRUS SR22; S/N: 0511; Hobbs: 517.80; Total Time: 517.80; Prop - Type: Hartzell PHC-J3YF-1RF, S/N: FP2185B, Time: 517.80, SMOH: 517.80
****Propeller Log Entry**** Log ID 2908

Performed an annual inspection in accordance with Cirrus SR22 maintenance manual inspection form and FAR 43 Appendix D. I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition.

Don Hover
AP 127540217 IA

Wisconsin Aviation - Madison
3606 Corben Court
Madison, WI 53704
608-268-5003



Wisconsin Aviation - Watertown
1741 River Drive
Watertown, WI 53094
920-261-4567

| | | | |
|-----------------------------|--------------|--------------|-------------|
| DATE: 12/01/07 | N816LT | M/N: SR22 | S/N: 0511 |
| Propeller M/N: PHC-J3YF-1RF | | S/N: FP2185B | |
| ACTT: 557.1 | Hobbs: 557.1 | PTT: 557.1 | PTSMOH: 0.0 |

- Reinstalled propeller after overhaul on aircraft listed above
- Ground ran and checked for leaks, none noted.

John R. Douglas A&P 2885897 IA *JRD*

Boerne Stage Aero Services N816LT
06/24/2008 AFTT: 593.8 Tach Time: 593.8
Prop TT: 593.8 Prop SMOH: 593.8
C/W annual inspection IAW Hartzell service/maintenance manuals. Verified AD compliance to 06/13/2008 (see AD list). Blended nicks from blades. I certify that this propeller has been inspected in accordance with the annual inspection and was determined to be in an airworthy condition at this time.
A&P/IA 2684449 *Scott S. Selberg*

| Date | Propeller TSN TSO | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|------|----------------------|------------|---|
|------|----------------------|------------|---|

Boerne Stage Aero Services

N816LT
07/01/2009
AFTT: 680.1 Tach Time: 680.1
Prop TT: 680.1

C/W annual inspection IAW Hartzell service/maintenance manuals. Verified AD compliance to 07/01/2009 (see AD list). 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.

A&P/IA 521436738

Texas Skyways, Inc.

N816LT 08/15/2010 AFTT: 750.0 Tach Time: 750.0
Prop TT: 750.0 SMOH: 750.0

C/W annual inspection IAW Hartzell service/maintenance manuals. Installed new stickers on blades. Verified AD compliance through 08/14/2010. I certify that this propeller has been inspected in accordance with the annual inspection and was determined to be in an airworthy condition at this time.

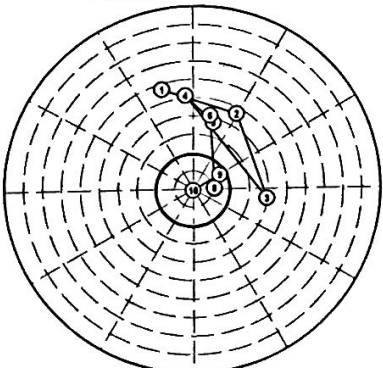
Scott E. Solberg A&P /IA2684449

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ENGINE/PROP DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 IN/S FS —



Operator Comments

Removed prop and reinstalled with blade over T/C mark. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148, rev B dated Feb 07, 1992 and Chadwick Helmuth document AV 9511-2 dated 12 June 1990 using DSS MicroVib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .570 @ 2458 rpm reduced to .008 IPS @ 2557 rpm. Installed AN hardware on spinner rear bulkhead: 20.07 grams @ 200 degrees and 21.42 grams @ 275 degrees
Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N816LT Cirrus SR 22 511 564.4 Hrs
Cont IO 550 N 7 685158
HP 2560 rpm
MicroVib II SN:1177 Cal:08/01/2007
Initial: 0.570 IN/S @ 2457.5 RPM Final: 0.008 IN/S @ 2557.3 RPM

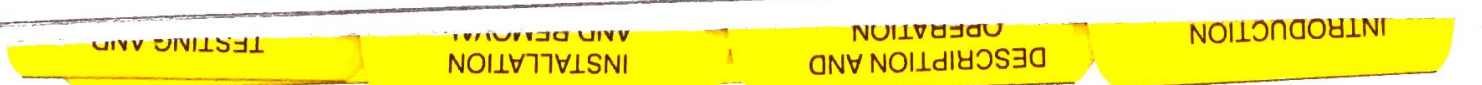
Oper:
Date:02/12/2008 Jim Barker A&P 2755069



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| Date | Propeller | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. | |
|------|-----------|-----|------------|---|---|
| | TSN | TSO | | | |
| | | | | PROP MODEL: Clear Star Aviation PHC-J3YF-1RF PROP S/N: FP2185B REG. NO. N816LT WORK ORDER: 113046 | DATE: 1/20/2011 A/C TSN: 754.7 PROP TT: 754.7 HOBBS: 754.7 |
| | | | | Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376 | |
| | | | | Prop Entries Replaced the spinner dome chafe tape and blended slight damage from a TKS tube. | |
| | | | | Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. | |
| | | | | DATE: 1/20/2011 SIGNED: <i>Isaiah Daw</i> Daw, Isaiah Certified Repair Station No. 5CSR009B | Work Order: 113046 Printed by EBis 3 (datcomedia.com) |
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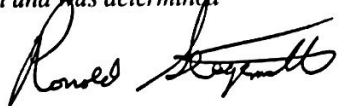
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|--|--|--|--|--|--|---|
| | | | | PROP MODEL: PHC-J3YF-1RF PROP S/N: FP2185B REG. NO. N816LT WORK ORDER: 113073 | Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376 | DATE: 1/26/2011 A/C TSN: 754.7 PROP TT: 754.7 HOBBS: 754.7 |
| | | | | Prop Entries Performed propeller 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30. | | |
| | | | | Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B. | | |
| | | | | DATE: 1/26/2011 SIGNED: <i>Isaiah Daw</i> Daw, Isaiah Certified Repair Station No. 5CSR009B | Work Order: 113073 Printed by EBis 3 (datcomedia.com) | |
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| Date | Propeller TSN TSO | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. | |
|------|----------------------|--|------------|---|--|
| | | | |  Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 Phone: 281-494-5800 | DATE: 2/10/2012 A/C TSN: 1098.9 PROP TT: 1078.2 TSPOH: 541.8 HOBS: 1098.9 |
| | | | | Prop Model: PHC-J3YF-1RF/F7694 Prop S/N: FP2185B Reg. No: N816LT Work Order: 2288-01-2012 | |
| | | | | Prop Entries Completed an Annual Inspection this date Ref. CDC SR22 AMM 5-20 and Propeller Owner's Manual No. 115N. Inspected and dressed propeller blade leading edges. Inspected and lubricated propeller hub. Checked blade track. Checked AD's thru BW 2012-02..... I certify that this Propeller has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy condition. | |
| | | | | Maintenance Release The aircraft and/or component(s) on N816LT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 2288-01-2012. | |
| | | | | DATE: 2/10/2012 | SIGNED:  Work Order: 2288-01-2012 |
| | | | | Fouad Hussain, A&P: 3204861 IA | Printed by EBis 3 (datcomedia.com) |
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3-16-13 Prop TT = 1377.3 TSPOH = 840.9 Hartzell PHC-J3YF-1RF
Performed periodic inspection and maintenance per Hartzell manual 115N. AD file checked thru this date.

I certify this propeller has been inspected in accordance with a 100 hr / annual inspection and was determined to be in airworthy condition.
Ronald Stegemoller
A&P# 2192007 I.A.



| Date | Propeller TSN TSO | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. | |
|------|----------------------|--|------------|--|--|
| | | | |  Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800 | DATE: 5/16/2012 A/C TSN: 1098.9 PROP TT: 1078.2 TSPOH: 541.8 HOBS: 1098.9 |
| | | | | Prop Model: PHC-J3YF-1RF/F7694 Prop S/N: FP2185B Reg. No: N816LT Work Order: 2439-05-2012 | |
| | | | | Prop Entries Performed a propeller dynamic balance this date using a Dynamic Solutions, Inc., MicroVib II with results of .028 in/sec. Any change in weight and balance of the propeller and/or spinner assy. will require the propeller balance to be checked. | |
| | | | | Maintenance Release The aircraft and/or component(s) on N816LT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 2439-05-2012. | |
| | | | | DATE: 5/16/2012 | SIGNED:  Work Order: 2439-05-2012 |
| | | | | N. Pustejovsky, N, A&P: 3194257 | Printed by EBis 3 (datcomedia.com) |
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| Date | Propeller | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|------|-----------|-----|---------|---|
| | TSN | TSO | | |
| | | | | Propeller S/N <u>FP2185B</u> has been overhauled this date <u>4-24-14</u> I/A/W manual(s) <u>113B; 202A; 133C</u> |
| | | | | under W/O # <u>14940</u> The mechanic making the installation must c/w 14 CFR Part 43.9. R & D Propeller Service, Inc. 2528 Hatfield Rd., Pearland, TX 77581 FAA CRS# <u>R5DR343X</u> Signed <u><i>Carrell Pool</i></u> |

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|--|--|---|---|
| PROPELLER MODEL: PHC-J3YF-1RF/F7694 PROP S/N: FP2185B REG. NO: N816LT WORK ORDER: 3230-12-2013 | |  Houston Aviation Center, LLC 12888 Hwy 6 S Ste 113 Sugar Land, TX 77498 USA Phone: 281-494-5800 | DATE: 5/2/2014 A/C TSN: 1656.2 PROP TT: 1656.2 HOBBS: 1656.2 |
| Prop Entries Completed a 100Hr/Annual Inspection this date Ref. CDC SR22 AMM 5-20 and Propeller Owner's Manual No. 115N. Checked AD's thru BW 2014-08... Removed propeller Model PHC-J3YF-1RF/F7694, S/N FP2185B for overhaul by R & D Propeller Service, Inc. CRS No. R5DR343X, under WO 23291. Reinstalled propeller Ref. Hartzell Manual No. 115N 61-00-15. Operational check satisfactory.... I certify that this Propeller has been inspected in accordance with a 100Hr/Annual Inspection and was determined to be in Airworthy condition. | | | |
| Maintenance Release The aircraft and/or component(s) on N816LT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3230-12-2013. | | | |
| DATE: 5/2/2014 | SIGNED: <u><i>Fouad Hussain</i></u> Fouad Hussain, A&P: 3204861 IA | Work Order: 3230-12-2013 Printed by EBis 3 (datcomedia.com) | |

PROP MODEL:
PHC-J3YF-1RF/F7694
PROP S/N: FP2185B
REG. NO: N816LT
WORK ORDER:
3472-07-2014



Houston Aviation Center, LLC
12888 Hwy 6 S Ste 113
Sugar Land, TX 77498 USA
Phone: 281-494-5800

DATE: 7/10/2014
A/C TSN: 1742.7
PROP TT: 1742.7
TSPOH: 86.5
HOBBS: 1742.7

Prop Entries

Performed a propeller dynamic balance this date using a Dynamic Solutions, Inc., MicroVib II with results of .027 in/sec. Any change in weight and balance of the propeller and/or spinner assy. will require the propeller balance to be checked.

Maintenance Release

The aircraft and/or component(s) on N816LT was repaired and/or inspected in accordance with current requirements of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at Houston Aviation Center, LLC under Work Order No. 3472-07-2014.

DATE: 7/10/2014

SIGNED: *N. Pustejovsky*
Pustejovsky, N, A&P: 3194257

Work Order: 3472-07-2014

Printed by EBis 3 (datcomedia.com)

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|--|---------|---|-----------------------|
| | 5-29-15 | A/C Hobbs = 2041.4 TSPOH = 385.2 | Hartzell PHC-J3YF-1RF |
| | | Performed periodic inspection and maintenance per Hartzell manual 115N. AD file checked thru this date. | |
| | | <i>I certify this propeller has been inspected in accordance with a 100 hr / annual inspection and was determined to be in airworthy condition.</i> | |
| | | Ronald Stegemoller A&P# 2192007 I.A. | |

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|--|---------|---|-----------------------|
| | 5-18-16 | A/C Hobbs = 2188.7 TSPOH = 532.5 | Hartzell PHC-J3YF-1RF |
| | | Prop installed on exchanged engine with new C3317-228 O-ring. Performed periodic inspection and maintenance per Hartzell manual 115N. AD file checked thru this date. | |
| | | <i>I certify this propeller has been inspected in accordance with a 100 hr / annual inspection and was determined to be in airworthy condition.</i> | |
| | | Ronald Stegemoller A&P# 2192007 I.A. | |

| Date | Propeller | | A/C Hrs | Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|------|-----------|-----|---------|--|
| | TSN | TSO | | |
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R&D Propeller Service, LLC
CRS# 7RDR559C

PROPELLER DYNAMIC BALANCE

AC N816LT
With Chadwick Vibrex 2000 S/N: 1041

Starting IPS .21

Ending IPS .00

Technician: Jason Fazon

Signature: [Signature] Date: 11/3/17

| | | |
|--|--|---|
| <p>PROP MODEL: PHC-J3YF-1RF PROP S/N: FP2185B REG. NO: N816LT WORK ORDER: 200652</p> | <p>Clear Star Aviation Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, TX 75001 Phone: 972-267-2376</p> | <p>DATE: 6/2/2017 A/C TSN: 2360.1 PROP TT: 2360.1 HOBBS: 2360.1</p> |
| <p>Prop Entries Performed propeller 100 HR inspection in accordance with current Cirrus Design Aircraft Maintenance Manual 5-20 and 5-30.</p> | | |
| <p><small>Researched AD's through bi-weekly issue of this date, all AD's are in compliance at this time. I certify that this propeller has been inspected in accordance with a 100HR inspection and was determined to be in airworthy condition. I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.</small></p> | | |
| DATE: 6/2/2017 | <p>SIGNED: <u>[Signature]</u> Longaker, Doug Certified Repair Station No. 5CSR009B</p> | <p>Work Order: 200652 Printed by EBis 3 (datcomedia.com)</p> |

6-14-18 A/C Hobbs = 2501.6 TSPOH = 845.4 Hartzell PHC-J3YF-1RF

Performed periodic inspection and maintenance per Hartzell manual 115N. AD file checked thru this date.

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

Ronald Stegemoller
A&P# 2192007 I.A.

[Signature]

