HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1RF/F7694

PROPELLER S/N FP2185B

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model HC-J3YF-1RF/F7691

Propeller S/N FB2125B

Blade Design 3 blade

Blade S/N's

No. 1 J85663

No. 2 J85664

No. 3 J85665

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

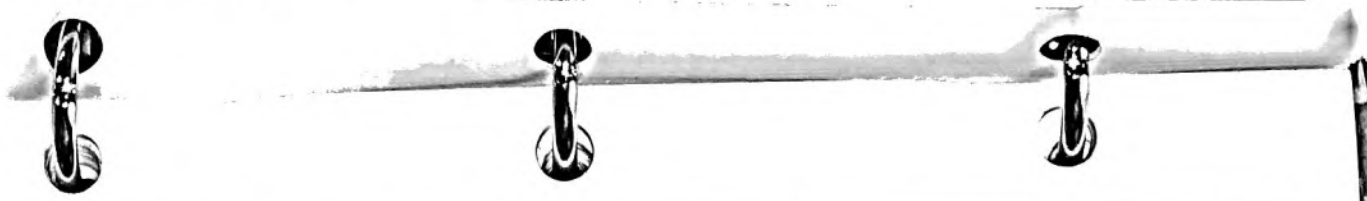
Registration _____

Date	Propeller TSN	Propeller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
3298	0.8	N/A	0.8	I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 115N Rev. 7 dated Oct/02 Section: 61-00-15 on 3-29-03 (DATE). The location of the Weight(s) are 70,190 degree And are 13.2 8.8 gram(s). Placard P/N A-2803 is installed on propeller hub. LEAD 10 (Sign/Stamp) Cirrus Design Corporation, PC 338CE

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

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

John R. Douglas A&P 2885897 IA

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

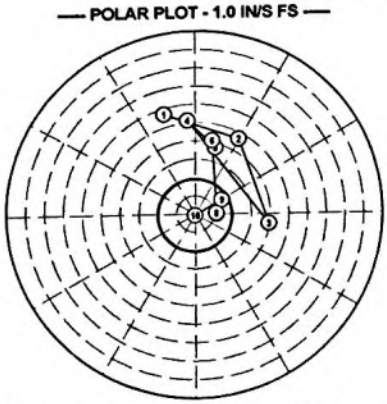
Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

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

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 AW 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

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

PROP MODEL: PHC-J3YF-1RF
PROP S/N: FP2185B
REG. NO: N816LT
WORK ORDER: 113046

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, Texas 75001
Phone: 972-267-2376

DATE: 1/20/2011
A/C TSN: 754.7
PROP TT: 754.7
HOBBS: 754.7

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: Daw, Isaiah
Certified Repair Station No. 5CSR009B

Work Order: 113046

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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: Daw, Isaiah
Certified Repair Station No. 5CSR009B

Work Order: 113073

Printed by EBis 3 (datcomedia.com)

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

PROP MODEL:
PHC-J3YF-1RF/F7694
PROP S/N: FP2185B
REG. NO: N816LT
WORK ORDER:
2288-01-2012

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
HOBBS: 1098.9

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: Fouad Hussain, A&P: 3204861 IA

Work Order: 2288-01-2012

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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.

Ronald Stegemoller

PROP MODEL:
PHC-J3YF-1RF/F7694
PROP S/N: FP2185B
REG. NO: N816LT
WORK ORDER:
2439-05-2012

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
HOBBS: 1098.9

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: Pustejovsky, N, A&P: 3194257

Work Order: 2439-05-2012

Printed by EBis 3 (datcomedia.com)

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

Propeller S/N FP2185B has been overhauled this date 4-24-14 I/A/W manual(s) 113B; 202A; 133C

under W/O # 14940 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# R5DR343X
Signed Darrell Pool

PROP 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: Fouad Hussain, A&P: 3204861 IA

Work Order: 3230-12-2013

Printed by EBis 3 (datcomedia.com)

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

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: Nikolay Pustejovsky

Pustejovsky, N, A&P: 3194257

Work Order: 3472-07-2014

Printed by EBis 3 (datcomedia.com)

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 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.

Ronald Stegemoller

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 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.

Ronald Stegemoller

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

R&D Propeller Service, LLC
CRS# 7RDR559C

PROPELLER DYNAMIC BALANCE

A/C N816LT

With Chadwick Vibrex 2000 S/N: 1041

Starting IPS .21

Ending IPS .00

Technician: Jason Falzon

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

PROP MODEL: PHC-J3YF-1RF
PROP S/N: FP2185B
REG. NO: N816LT
WORK ORDER: 200652

Clear Star Aviation
Repair Station No. 5CSR009B
4765 Frank Luke Dr
Addison, TX 75001
Phone: 972-267-2376

DATE: 6/2/2017
A/C TSN: 2360.1
PROP TT: 2360.1
HOBBS: 2360.1

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: 6/2/2017 SIGNED: [signature]

Longaker, Doug
Certified Repair Station No. 5CSR009B

Work Order: 200652

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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.

Ronald Stegemoller