

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1RF

PROPELLER S/N FP3683B

LOGBOOK # 1

06/02/2006 – 02/13/2016

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 One

PITCH RANGE

Propeller Model PHC-534F-1RF

High/Feather _____

Propeller S/N FP36833

Start Lock _____

Blade Design F7392-1

Low _____

Blade S/N's

Reverse _____

No. 1 K20043

No. 2 K20045

Aircraft Manufacturer Cirrus Design

No. 3 K20044

Aircraft Model SR20

No. 4 _____

S/N SR20 -

No. 5 _____

Registration _____

No. 6 _____

Spinner Assembly Part No. _____

PROP MODEL
PHC-J3YF-1RF
PROP S/N FP3683B
REG NO N923TL
WORK ORDER
27023-04-2007



Commander Aero, Inc.

Repair Station No GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 888-881-5580

DATE 5/30/2007
A/C TSN 207 6
PROP TT 207 6
HOBBS 207 6

Prop Entries

(3) Complied with 100 Hour Propeller Inspection.

I certify that this propeller was inspected in accordance with a 100 hour inspection and found to be airworthy
The aircraft and/or component(s) on N923TL was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and
was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No 27023-04-2007, Dated
5/30/2007

DATE: 5/30/2007

SIGNED:

Kromer, Gary
Certified Repair Station No GA5R-876M

Work Order: 27023-04-2007

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Maintenance Record

Propeller Model:
PHC-J3YF-1RF/F7392-1

Propeller Manufacturing Serial #
FP3683B

Aircraft Registration
N923TL

Date:

Aircraft Total Time

Aircraft Landings

Remarks

(Repairs, adjustments, inspections, parts replaced, authorized signature and number)

Date: June 2, 2006

Aircraft Total Time: 117.1

Aircraft Hour Meter: 117.1

I certify that the following inspection items were accomplished using instructions and a procedure specified by the manufacturer in accordance with an airworthiness program per FAR 91.409 and FAR 43, Appendix D was determined to be in airworthy condition at this time.

Performed an Annual inspection using Chapter 5 of the Cirrus Design Maintenance Manual as a guide. Inspected and lubricated propeller with Aeroshell 5 per the Hartzell Propeller Pilots Owners Manual. Performed a functional test on all affected systems with good results. All work was done in accordance with the Cirrus Design SR20 maintenance manual Hartzell Pilots Owners Manual and current Federal Aviation Regulations. Aircraft was found to be in airworthy condition at this time with regards to work performed.

Christopher L. Howe

Christopher L. Howe

A&P294787826IA

END

PROP MODEL
PHC-J3YF-1RF
PROP S/N FP3683B
REG NO N923TL
WORK ORDER
27023-04-2007



Commander Aero, Inc.

Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 888-881-5580

DATE 5/30/2007
A/C TSN 207 6
PROP TT 207 6
HOBBS 207 6

Prop Entries

(3) Complied with 100 Hour Propeller Inspection.

I certify that this propeller was inspected in accordance with a 100 hour inspection and found to be airworthy. The aircraft and/or component(s) on N923TL was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 27023-04-2007, Dated 5/30/2007.

DATE: 5/30/2007

SIGNED:

Gary Kromer
Kromer, Gary
Certified Repair Station No. GA5R-876M

Work Order: 27023-04-2007

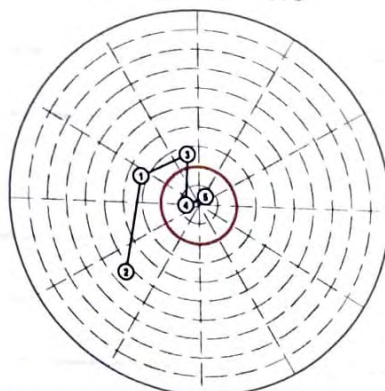
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Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

ENGINE/PROP/FRONT DYNAMICALLY BALANCED

— POLAR PLOT - 1.0 INS FS —

Operator Comments



Dressed propeller blade leading edges.
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 .333 @ 2558
rpm reduced to .054 IPS @ 2563 rpm by
the installation of AN hardware weights
on spinner rear bulkhead: 19.78 grams
@ 155 degrees and 28.75 grams @
287 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

N923TL Cirrus SR 20 G2 1521 656.9 Hrs
Cont IO 360 ES 6 357969

Hartzell PHC-J3YF-1RF S/N FP3683B BLD F7

MicroVib II SN:1177 Cal:08/21/2008

Initial: 0.333 IN/S @ 2557.9 RPM Final: 0.054 IN/S @ 2563.3 RPM

Oper:

Date: 12/12/2008

Jim Barker A&P 2755069

Exec Air LLC

Hilton Head Island Airport (HXD)

71 Summit Drive
Hilton Head, SC 29926
(843) 681-4705
info@ExecAirHH.com



Cirrus SR20

S/N - 1521

8/1/2012

N923TL

Hobbs: 1141.3

1. 100Hour Insp C/W- Per FAR 43 appendix D and IAW Manufacturers MM.

Pg. 1

D-Discrepancy C/A-Corrective Action C/W-Complied with IAW-In accordance with AMM-Aircraft Maintenance Manual P(S)/N-Part (Serial) Number RGR-Removed and Replaced

This aircraft and/or component(s) identified above were repaired and inspected in accordance with current Federal Aviation Regulations and were found Airworthy for return to service.

Derek Edgerton 3165126 A&P/IA

Derek Edgerton

00-10-0000

Date	Pro TSN	ExecAir of HHI		Hilton Head Airport HXD Reference: Invoice # 1138		71 Summit Drive Hilton Head Island, SC 29926 843.681.4705
DATE	AIRCRAFT REG #	MANUFACTURE	MODEL #	SERIAL #	HOBBS	PTT
8/29/13	N923TL	HARTZELL	PHC-J3YF-1RF	FP3683B	1278.7	1278.7
						PROPELLER LOG
C/W Annual Inspection using Cirrus SR20 M/M inspection guide. Lubed prop.						
This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.						
Joan Hendre A&P 3437973 _____						
Edward "Tre" Howe A&P 171641872 <u>Edward Howe</u>						
Paul W Craig Jr A&P 3598146 <u>Paul W Craig Jr</u>						
I certify that this propeller has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.						
Paul W Craig Jr A&P/IA 3598146 <u>Paul W Craig Jr</u>						

Fidelis Aviation		Hilton Head Airport HXD	71 Summit Drive			
PROPELLER LOG		Reference: WO# 1256	Hilton Head Island, SC 29926			
DATE	AIRCRAFT REG #	MANUFACTURE	MODEL #	SERIAL #	HOBBS TIME	TT
8/11/14	N923TL	HARTZELL	PHC-J3YF-1RF	FP3683B	1358.8	1358.8
Completed annual inspection using Cirrus SR20 M/M inspection guide.						
This aircraft, engine, or propeller was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.						
Paul W Craig, JR A&P # 3598146 <u>Paul W Craig Jr</u>						
Damion Quest A&P# 3736395 <u>Damion Quest</u>						
Michael Justin Wade A&P# 3399491 <u>Michael Justin Wade</u>						
I certify that this propeller has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.						
Paul W Craig, JR A&P # 3598146 IA <u>Paul W Craig Jr</u>						

AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

1. Make Hartzell
2. Model PHC-J3YF-1RF
3. Specification Number _____
4. Date of Manufacture _____
5. Hub Serial Number FP3683B
6. Blades
 - (a) Design No. F7392-1
 - (b) Blade Serial Numbers:
 - (1) K20043
 - (2) K20045
 - (3) K20044
 - (4) _____
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High _____
 - (3) Low _____
 - (4) Reverse _____

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 0292P	
4. Organization Name and Address: Aircraft Propeller Works, Inc. 506 Charlotte Road, Auburndale, FL 33823		5. Work Order/Contract/Invoice Number: 0292P			
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Propeller	PHC-J3YF-1RF F7392-1	1	FP3683B	Overhauled
12. Remarks: Propeller overhauled in accordance with Hartzell manuals 202A, 113B and 133C. Approved for return to service. TTSN: Unknown TSO: 00.0 Blade Serial Numbers: 1.K20044 2.K20045 3.K20043 AD Compliance: No AD's apply to this propeller at this time.					
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12		14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
13b. Authorized Signature:	13c. Approval Authorization No:	14b. Authorized Signature:	14c. Approval/Certificate No:		
13d. Name (Typed or Printed):	13e. Date (m/d/y):	14d. Name (Typed or Printed):	14e. Date (m/d/y):		
		Stanley E Collins	6/27/2017		
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.					

FAA Form 8130-3 (02-14)

NSN:0052-00-012-9005

E CERTIFICATE SS APPROVAL TAG		3. Form Tracking Number: 0292P	
33823		5. Work Order/Contract/Invoice Number: 0292P	
9. Quantity:	10. Serial Number:	11. Status/Work:	
1	FP3683B	Overhauled	

113B and 133C. Approved for return to service. TTSN: Unknown

1.K20044 2.K20045 3.K20043

12a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.
☐ Non-approved design data specified in Block 12

14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

13c. Approval Authorization No:

14b. Authorized Signature:

14c. Approval/Certificate No:

13d. Name (Typed or Printed):

13e. Date (m/d/y):

14d. Name (Typed or Printed):

14e. Date (m/d/y):

Stanley E Collins

6/27/2017

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1 it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.
 Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.

FAA Form 8130-3 (02-14)

NSN:0052-00-012-9005

4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL	
	HOURS	MIN	HOURS	MIN
BROUGHT FORWARD				

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

Tampa Bay Aviation
14421 Airport Parkway • Clearwater, FL 33762
727-507-8881 • Fax 727-507-8887

N923TL

Date: 10/12/2017

AFTT: 1650.01

TSMOH: 0.00

PropTT: 1650.01

Model: PHC-

J3YF-1RF

S/N: FP3683B

Performed a routine Annual inspection IAW FAR Part 43 Appendix D, Next Due: 1750.01 AFTT. Propeller was overhauled by Aircraft Propeller Works, Inc.

Checked AD's through 2017-20 T-data. No AD's apply to this propeller at this time.

I certify this Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition on this date

A&P

[Signature] AP3539291A
End of entry

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

Tampa Bay Aviation
1000 N Hercules Ave • Clearwater, FL 33765
727-461-5229 • Fax 727-441-1909

N923TL

Date: 04/20/2018

AFTT: 1747.7

Act S/N: 1521

Prop TT: 1747.7

TSMOH: 97.9

Model: PHC-J3YF1AF

Prop S/N: FP3683B

Annual Due: 10/2018

Performed a 100 Hour inspection IAW FAR 43 Appendix D, Next 100 hour Due: 1847.7 AFTT; Inspected, spinner, propeller, and hub - no defects noted; Lubed prop with Aeroshell #6; checked Airworthiness Directives through 2018-06 T-data. All AD's found to be in compliance at this time.

I certify this Propeller has been inspected IAW a 100 Hour inspection and was determined to be in an airworthy condition on this date

Jason Bandura

[Signature]
End of entry

AP3674809

TAMPA BAY AVIATION

AIRPLANE & HELICOPTER SERVICES

Tampa Bay Aviation
1000 N Hercules Ave • Clearwater, FL 33765
727-461-5229 • Fax 727-441-1909

N923TL

Date: 10/03/2018

AFTT: 1827.2

Act S/N: 1521

Prop TT: 1827.2

TSMOH: 0177.2

Model: PHC-J3YF-1AF

Prop S/N: FP3683B

Annual Due: 10/2019

Performed an Annual/100 Hour inspection IAW Cirrus SR-20 MM and FAR 43 Appendix D, Next Due: 1927.2 AFTT; Lubed prop as required; Inspected, spinner, propeller, and hub - no defects noted.

Checked Airworthiness Directives through 2018-18 T-data. All AD's found to be in compliance at this time.

I certify this Propeller has been inspected IAW an Annual/100 Hour inspection and was determined to be in an airworthy condition on this date

Jason Bandura

[Signature]
End of entry

IA3674809

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NAME/
SIGNATURELICENCE:
AME or
AMO/ACA

Sarasota Avionics Inc Tampa (TPA)

Prop

845 Severn Ave. Tampa, FL 33606

Tail No: N923TL Hartzell: PHC-J3YF-1RF Serial: FP3683B

Date: 03/04/19 Work Order: M775

Flight Hobbs: 150.60 Hobbs: 1914.00 Prop TT: 1914.00 SMOH: 264.00



C/W Cirrus annual inspection IAW Cirrus checklist. Removed spinner. Checked blades. Lubed hub. Checked spinner back plate and spinner for cracks. Reinstall spinner.

I certify all work done to the aircraft and/or component identified above was done in accordance with a Cirrus annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed. All AD's through 03/04/2019 checked and complied with.

Wayne E. Childers Jackson A&P3440160IA

Sarasota Avionics Inc Tampa (TPA)

Prop

845 Severn Ave. Tampa, FL 33606

Tail No.: N923TL/Hartzell/PHC-J3YF-1RF/Serial Number: FP3683B

Date: 9/1/2020 Work Order: M2063

Hobbs: 1924.0 PROP TT: 1924.0 TSOH: 274.0 Flt Hobbs: 154.6



I certify that this propeller has had an Annual Inspection IAW FAR43 Appendix D using AMM chap. 05-20 annual/100 hour inspection checklist and was determined to be in an airworthy condition and is approved for return for service. All applicable airworthiness directives through 9/1/2020 have been reviewed and/or complied with. List in logbook. Performed ground run up and all applicable leak and ops checks good.

Steven D. Reifeis A&P3505535IA



CIRRUS SR20
HARTZELL PHC-J3YF-1RF
DATE: 10-5-2021

HOBBS: 1,938.9

N923TL
PROPELLER

PROPTT: 1,938.9

S.N. 1521
S.N. FP3683B
SMOH: 288.89

Performed routine inspection IAW part 43 appendix D using A.M.M chap. 05-20 annual/ 100 inspection checklist as a guide.; Checked Airworthiness Directive thru 2021-20/21 Triton Aviation Data Corp. No ADs due at this moment.

I certify that this PROPELLER has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition.

Signed

Yol Y. Li

A&P 3730585IA

Section 4A: Propeller Service and Maintenance Record

DATE / /	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS
	HOURS	MIN	HOURS	MIN	
BROUGHT FORWARD					

Sarasota Avionics/Maintenance Tampa (TPA)
845 Severn Ave. Tampa, FL 33606

Prop

Tail #: N923TL Hartzell: PHC-J3YF-1RF Serial #: FP3683B

Date: 10/27/2022 Work Order: M3590

Tach: 169.4 Prop TT: 1950.2 TSMOH: 288.8



Inspected propeller. Serviced prop hub. Cleaned and dressed prop leading edges.

All AD's checked and complied with through 10/27/2022.

I certify that this propeller has been inspected in accordance with Annual inspection as per 14CFR43, Appendix D, using the manufacturer's checklist and current Federal Regulations as guidelines. This propeller was found to be in airworthy condition and approved for return to service.

Minh Nguyen: 

A&P 3770190 IA



N923TL
ETT:1960.4
ESMOH: 299.0
Model: PHC-J3YF-1RF

DATE: 5/1/2024
PTT: 1950.4
PSMOH: 299.0
SN: FP3683B

TTA: 1960.4

Prop

- Annual inspection performed in accordance with McCauley MM
- Ads complied with bi-weekly 2024-10
- Work performed IAW current FAA regulations.
- I certify that this propeller has been inspected in accordance with ANNUAL inspection and was determined to be in AIRWORTHY condition.



Clinton Manning AP 3785393IA

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TOTAL SINCE NEW				

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