

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-53YF-1RF

PROPELLER S/N FP3093B

LOGBOOK # _____

PROPELLER MAINTENANCE RECORD

Position Single

PITCH RANGE

Propeller Model RHE-33YF-1RF

High/Feather _____

Propeller S/N FP 3093B

Start Lock _____

Blade Design 3 Blade

Low _____

Blade S/N's

Reverse _____

No. 1 K08619

No. 2 K08614

No. 3 K08616

No. 4 _____

No. 5 _____

No. 6 _____

Aircraft Manufacturer Cirrus

Aircraft Model SR22

S/N 1077

Registration N426 GW

Spinner Assembly Part No. _____

PROP MODEL:
PROP S/N:
REG. NO: N426GW
WORK ORDER:
26242-08-2005

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

DATE: 9/1/2005
A/C TSN: 174.4
PROP TT: 174.4
HOBBS: 174.4

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 N426GW 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. 26242-08-2005, Dated 9/6/2005.

DATE: 9/1/2005

SIGNED:

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

Work Order: 26242-08-2005

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PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3093B
REG. NO: N426GW
WORK ORDER:
26703-09-2006



Commander Aero, Inc.

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

DATE: 9/1/2006
A/C TSN: 330.4
PROP TT: 330.4
HOBBS: 330.4

Prop Entries

(3) Complied with 100 hour propeller inspection.... (32) Dressed out nicks in blades.

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 N426GW 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. 26703-09-2006, Dated 9/19/2007.

DATE: 9/11/2006

SIGNED:

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

Work Order: 26703-09-2006

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

DATE: 9/27/2007
A/C TSN: 501.3
PROP TT: 501.3
HOBBS: 501.3

Commander Aero, Inc.

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



PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3093B
REG NO: N426GW
WORK ORDER:
27244-09-2007

Prop Entries

(3) Complied with 100 Hour Propeller Inspection.... (24) Cleaned prop governor and surrounding area thoroughly and inspected for leaks after engine run. No leaks noted at this time.... (25) Replaced damaged prop spinner with new polished prop spinner and new style TKS tubes.... (26) Resafetied "B" nuts on TKS tubes on prop.

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 N426GW 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. 27244-09-2007, Dated 9/27/2007.

Gary R. Kromer

SIGNED:

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

DATE: 9/27/2007

Work Order: 27244-09-2007

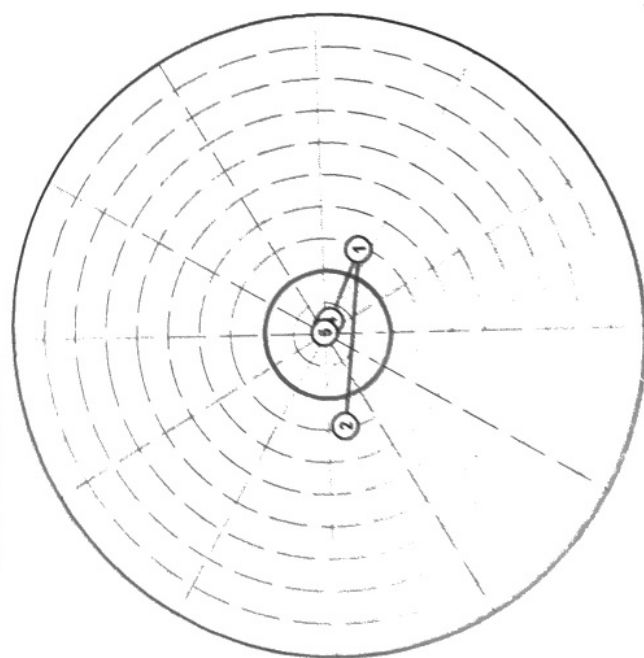
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Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

TSO
A/C
Hrs

ENGINE/PROP/FRONT DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----



Operator Comments

Dressed propeller blades 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 .287 @ 2554 rpm reduced to .007 IPS @ 2551 rpm by the installation of AN hardware weights on spinner rear bulkhead: 19.5 grams @ 80 degrees and 9.94 grams @ 310 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

N426GW Cirrus SR 22 G2 1077 673.5 Hrs
Cont IO 550 N 27 917271
Hartzell PHC-J3YF-1RF S/N FP3093B
MicroVib II SN:1177 Cal:08/21/2008
Initial: 0.287 IN/S @ 2553.9 RPM Final: 0.007 IN/S @ 2550.6 RPM

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

PROP MODEL:
PHC-J3YF-1RF
PROP SN: FP3093B
REG. NO: N426GW
WORK ORDER:
28014-09-2009



Commander Aero, Inc.

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

DATE: 9/17/2009
A/C TSN: 776.1
PROP TT: 776.1
HOBBS: 776.1

Prop Entries

(3) Complied with 100 Hour Propeller Inspection.... (12) Dressed prop blades.

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 N426GW 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. 28014-09-2009, Dated 9/17/2009.

DATE: 9/17/2009

SIGNED:

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

Work Order: 28014-09-2009
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PROP MODEL:
PHC-J3YF-1RF
PROP SN: FP3093B
REG. NO: N426GW
WORK ORDER:
28377-09-2010



Commander Aero, Inc.

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

DATE: 9/23/2010
A/C TSN: 935.9
PROP TT: 935.9
HOBBS: 935.9

Prop Entries

(3) Complied with 100 Hour Propeller Inspection.... (23) Dressed blades.

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 N426GW 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. 28377-09-2010, Dated 9/30/2010.

DATE: 9/23/2010

SIGNED:

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

Work Order: 28377-09-2010
Printed by EBis 3 (datcomedia.com)

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

Propeller	A/C
TSN	Hrs
TSO	

PROP MODEL
PHC-J3YF-1RF
PROP SN FP3093B
REG NO N426GW
WORK ORDER
28758-08-2011

DATE: 9/2/2011
A/C TSN: 1086.8
PROP TT: 1086.8
HOBBS: 1086.8

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



Prop Entries

(3) Complied with 100 Hour Propeller Inspection.... (19) CW Dressed propeller.

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 N426GW 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. 28758-08-2011.

DATE: 9/2/2011

SIGNED:

Gary Kromer

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

Work Order: 28758-08-2011
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PROP MODEL
PHC-J3YF-1RF
PROP SN FP3093B
REG NO N426GW
WORK ORDER
29133-08-2012



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

DATE: 9/4/2012
A/C TSN: 1241.8
PROP TT: 1241.8
HOBBS: 1241.8

Prop Entries

(4) Complied with 100 Hour Propeller Inspection.... (14) Dressed small nicks from prop.... (15) Adjusted TKS tubes away from prop.

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 N426GW 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. 29133-08-2012.

DATE: 9/4/2012

SIGNED:

Alvin May Jr

May Jr, Alvin
Certified Repair Station No. GA5R-876M

Work Order: 29133-08-2012
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DATE: 8/28/2013
AV: JGH 1276
PROP: TT 1276
HO: JSS 1276

Commander Aero, Inc.

Repair Station No. 5A5P-676M
10570 Springdale Pike
Mansfield, Ohio 44822 USA
Phone: 688 881-5500



PROP: M001
PH: JAV 11F
PROP S/N: FF4003B
REG: NO: N426GW
WORK ORDER: 29457-08-2013

Prop Entries

(4) Complied with 100 Hour Propeller Inspection.... (17) Dressed small nicks from prop.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N426GW 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. 29457-08-2013.

Chris Minzler

SIGNED: Minzler, Alvin
Certified Repair Station No. 5A5P-676M

DATE: 8/28/2013

Work Order: 29457-08-2013
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SBS

Sensenich Propeller Service, Inc.
1142 Aviation Boulevard Gainesville, Ga. 30501
Phone (770)538-0444 Fax (770)538-0117 www.sensenichpropellers.com

Work Order Number: G18403

08 Apr 2014

Propeller Model: PHC-J3YF-1RF/F7693DFB Hub Serial No: FP3093B

**Blade S/N's: K08619
 K08614
 K08616**

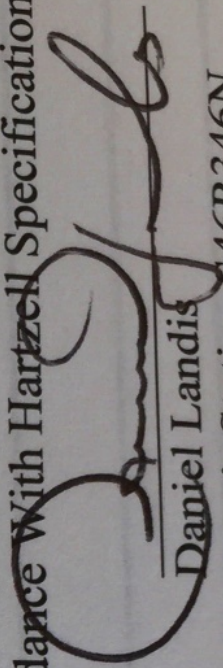
Blade Angles: Low: 13.9

High: 40.0

Propeller TSN: Brought Forward

Propeller TSO: -0-

**Disassemble, Service, Zyglo, Magnaflux, Assemble, Set Angles, Check Track and
Balanced - Overhaul. All Work Done In Accordance With Hartzell Specifications.**



Daniel Landis
Repair Station S46R346N

ExecAir of HHI

Hilton Head Airport HXD

WO#1274

71 Summit Drive

Hilton Head Island, SC 29926

843.681.4705



AUTHORIZED SERVICE CENTER

DATE	AIRCRAFT REG #	MANUFACTURE	MODEL #	SERIAL #	HOBBS	TOTAL TIME/SMOH
4/18/14	N426GW	HARTZELL	PHC-J3YF-1RF/F7693DFB	947274 FP3093B	1465.0	1465.0/0.0
				135		PROPELLER LOG

Installed prop s/n FP3093B on N426GW after overhaul by Sensenich Propeller Service. Rigged all engine/prop controls per Cirrus M/M.

Completed ground runs and Pilot performed high speed taxis for proper operation, max RPM, and prop governor settings. Operational checks normal with no leaks noted.

This aircraft was serviced/repaired/inspected in accordance with current requirements of the FAA and is approved for return to service.

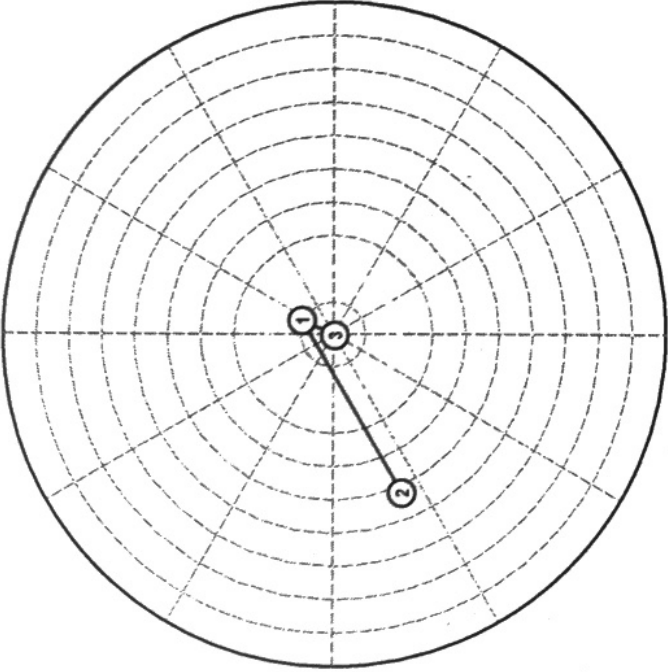
Ioan Hendre A&P 3437973

Edward 'Tre' Howe A&P 171641872

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

ENG/PROP DYNAMICALLY BALANCED

----- POLAR PLOT - 1.0 IN/S FS -----



Operator Comments

Removed top cowling, removed top spark plugs and checked timing, removed left magneto, re-indexed drive gear to allow for timing adjustment, installed left magneto, adjusted timing from -1.4 Left and -1.9R degrees from nominal to both at nominal, installed spark plugs and top cowling. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #1115 and Chadwick Helmuth doc 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 .104 @ 2559 rpm reduced to .007 IPS @ 2543 rpm by installation of AN hardware balance weights on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources, LLC 101 Airport ave Hangar 7 Cumberland, WI 54829 Hangar (715) 822 5787 Cell (715) 491 1303
 Jim@aviationvibes.com
 www.aviationvibes.com

N426GW Cirrus SR 22 G2 1077 1478.1 Hrs
 Cont/Hart 917271
 Front

MicroVib II SN:1177 Cal:01/16/2014
 Initial: 0.103 IN/S @ 2558.9 RPM Final: 0.007 IN/S @ 2542.9 RPM

Oper: *[Signature]*
 Date: 05/03/2014

Jim Barker A&P 2755069

Propeller
 TSN TSO

A/C
 Hrs

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3093B
REG NO: N426GW
WORK ORDER:
29710-08-2014



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

DATE: 9/29/2014
A/C TSN: 1660.8
PROP TT: 1531.8
HOBBS: 1531.8

Prop Entries

(4) Complied with 100 Hour Propeller Inspection.... (13) Dressed small nicks from prop.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N426GW 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. 29710-08-2014.

DATE: 9/29/2014

SIGNED:

Alvin Mirzler

Mirzler, Alvin
Certified Repair Station No. GA5R-876M

Work Order: 29710-08-2014

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PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3093B
REG NO: N426GW
WORK ORDER:
29962-08-2015



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

DATE: 9/8/2015
A/C TSN: 1660.8
PROP TT: 1660.8
TSPOH: 195.8
HOBBS: 1660.8

Prop Entries

(4) Complied with 100 Hour Propeller Inspection.... (18) Dressed small nicks from prop.

I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N426GW 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. 29962-08-2015.

DATE: 9/8/2015

SIGNED:

Alvin Mirzler

Mirzler, Alvin
Certified Repair Station No. GA5R-876M

Work Order: 29962-08-2015

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

A/C
Hrs

Part Model
Part Part
Part Part
Part Part
Part Part
Part Part

Commander Aero, Inc.
Repair Station No. GA5R-876M
10570 Springboro Pike
Miamisburg, Ohio 45342 USA
Phone 3883 881 5589

DATE 9/28/2016
AVI TSN 1759 3
PROP IT 1759 3
TSPOH 294 3
HCIBBS 1759 3

Prop Entries

(4) Complied with 100 Hour Propeller Inspection.... (15) Dressed small nicks from prop.

Certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy.
The aircraft and/or component(s) on N426GW 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. 30228-09-2016.

DATE: 9/28/2016

SIGNED:

Ailin Myjls

Minzler, AWIN
Certified Repair Station No. GA5R-876M

Work Order: 30228-09-2016

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