

# Hartzell

## propeller owner's manual & log book

D.O.A. -  
F.A.A.  
APPROVED  
MANUAL  
115 I

"Compact" Models HC-C2Y, HC-C3Y, HC-F2Y, HC-F3Y, HC-F4Y,  
HC-E2Y, HC-E3Y, HC-G2Y, HC-G3Y, (P)HC-L3Y,  
BHC-L2Y, HC-H3Y, (P)HC-J3Y, BHC-J2Y,  
( )HC-I2Y, and ( )HC-M2Y - Constant Speed and Feathering

HARTZELL PROPELLER, INC. - PIQUA, OHIO

### PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model HC-C2YR-1BF  
Blade Design F8467-7R  
Diameter —  
Hub Ser. No. CH-20008  
Blade Ser. Nos.  
No. 1 D43171  
No. 2 D40026  
No. 3 —  
No. 4 —  
No. 5 —

PITCH RANGE

High 31.6 Low 14.2  
Feather — Reverse —  
Governor Model —

RIGHT ENGINE

Hub Model —  
Blade Design —  
Diameter —  
Hub Ser. No. —  
Blade Ser. Nos. —  
No. 1 —  
No. 2 —  
No. 3 —  
No. 4 —  
No. 5 —

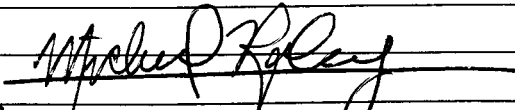
PITCH RANGE

High — Low —  
Feather — Reverse —  
Governor Model —

**DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

[illegible]

DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
2-15-91	- 0 -	MAJOR OVERHAUL BLADES REFINISHED.	, PARTS
	TIME SINCE OVERHAUL	ZYGLOED, MAGNAFLUXED, REPLATED. PARTS REPLACED	
		WHERE REQUIRED, COMPLIED WITH AD'S AND SB'S. LISTED	
		ON YELLOW TAG, TRACKED, BALANCED, PAINTED, SET	
		ANGLES.	
		AUTHORIZED BY	
			
		FOR NEW ENGLAND PROPELLER SERVICE, INC.	
		EAST HADDAM, CT.	
		FAA REPAIR STATION #3580	

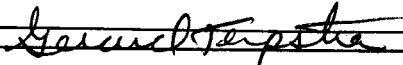
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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
5-22-95	000.0	A/C T.T. 1431.7 Prop. T.T. 1431.7	TSOH. 430.8 <del>approx</del>
	c/w AD.	90-02-23 Hartnell Hub cracks &	S/B 164C Inspected OK
		I certify that this Propeller has been inspected	
		in accordance with a 100 hr. inspection	
		and has been found in an airworthy condition & approved	
		for return to service <del>Walter J. Richards</del> AWP 344713 IA	
9-28-95	0048.4	A/C TT. 1500.6 Prop TT 1500.6 c/w	A.D. 90-02-23 Hartnell
		hub crack insp. and S.B. 164 C. No cracks found on inspection.	
		<del>W. Lotoff</del> AWP 2370281 Keyson Airways 7/6 4146	
4/19/96	70.4	A/C TT = 1522.6 TSOH $\approx$ 501.2	c/w AD 90-02-23
		S/B 164C. hub insp. No cracks found. due again 50 hrs	
		or 50 Flights. David Barton AWP 2444584 IA	
		I certify that propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. David Barton AWP 2444584 IA	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
10-31-96	TACH 121.2	ALC TT 1583.8 TSOH = 5520 C/W	
	-	AD 90-02-23 SB 164C no cracks	
		Found at this time next insp due	
		at Tach 171.4 or 50 flights	
		<del>2.15.97</del> <del>AD 90-02-23</del> <del>SB 164C</del> <del>AD 90-02-23</del> <del>SB 164C</del>	
03-22-97	133.6 (Tach)	564.4 (SMOH) Prop IT. (1585.8).	
		Dressed and painted propeller. Inspected and completed	
		annual inspection per <sup>commander</sup> 114 checklist (section II, 114	
		maintenance manual. Complied with AD 90-02-23	
		by inspection of the propeller per Hartzell SB 164,	
		no defects noted, AD next due at 183.6 (Tach).	
		All AD's reviewed through Federal biweekly supplement 97-06.	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		All parameters within limits (manufacturers) during post inspection run.	
		DATE <u>03-22-97</u> TACH TIME <u>1336</u> TOTAL TIME <u>1585.8</u>	
		I CERTIFY THAT THIS <u>Propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u>	
		INSPECTION AND WAS DETERMINED TO BE IN AN AIR-WORTHY CONDITION.	
			
		<u>GERARD TERPSTRA A&amp;P34847091A</u>	
<u>7-26-97</u>	<u>174.0</u>	<u>Inspected prop in accordance with AD-90-02-23,</u>	
<sup>174.0</sup>		<u>per Hartzell SB 164, no defects noted, next due 224.0.</u>	
		<u>Gerard Terpstra AHP34847091A</u>	

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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
3-6-98	200.1	Yw AD 90-02-23 Visual inspection - due on 50 hrs - next due 250.1. No defects found. I certify that this propeller has been inspected in accordance with an annual inspection and is in an airworthy condition.	J. J. Seland AIPV485082JA
9-22-98	235.6	① Clw AD 90-02-03 Visual inspection - due on 50 hrs - next due — No defects found — — Snd —	J. J. Seland AIPV485082JA

DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES.

DATE 2/15/99 MODEL Rockwell 114  
WO# 94932 S/N 14235  
TACH 244.4 REG N4911W  
T/T 1696.6 HOBBS n/a  
TSMOH 1696.6 CYCLES n/a



**Stead Aviation Corporation**

Manchester Airport 7 Green Drive

Manchester, NH 03103-7443

603-669-4360 Fax 603-663-8708

Repair Station #H11R193K

Form SA-58

page 1 of 1

Log Book Attachment: PROPELLER

Comply with AD 90-02-23 by inspection as per Hartzell SB 164 - no defects noted.  
Dressed, painted, and greased as per 114 maint. manual.

I certify that this propeller has been inspected i/a/w 100 hr/annual as per Rockwell  
114 maint. manual, and has been determined to be in an airworthy condition.

Christopher Eaton

Repair Station #H11R193K



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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
6-3-02	—	AD 2002-09-08 WAS DETERMINED TO BE ALREADY ACCOMPLISHED BY THE COMPLETION OF OIA Insp & CIA AD 99-12-06 R2 dated 2-15-91.	<i>[Signature]</i> 2366875IA
4-2-2003	TACH 409.2	AD 2001-23-08 WAS DETERMINED N/A BY HP output of this model	
	TSPDH 840	AD 2001-07-03c N/A by records check of prior service	
		AD 90-02-23 WAS SUPERSEDED BY AD 2001-23-08 N/A	
		AD 2003-01-03 N/A by prop SN	
		ANNUAL INSPECTION COMPLETED, BLADES DRESSED & FUEL PUMPS	
		<i>[Signature]</i> 2366875IA	
3-15-04	TACH 432.8	AD 2003-06-02- N/A ICE boots not installed	
	TSPDH 863.6	AD 2003-13-17- N/A by overhaul date & facility.	
		ANNUAL INSP. COMPLETED. <i>[Signature]</i> AIP 16502301IA	

**Leland Aero Service LLC**

**5 Perimeter Rd. Nashua, NH 03063**

**DATE: 5-13-05**

**N#: N4911W**

**TACH: 449.5**

**SPOH: 880.3**

**Propeller Logbook Entry**

Inspected propeller using Rockwell 114 Inspection guide and FAR 43 appx. D.  
Dressed propeller blades and painted blade faces. I certify that this propeller was  
inspected in accordance with an annual inspection and was determined to be in  
airworthy condition.



**Doug Mears**  
**A&P2792182IA**

**Leland Aero Service LLC**

**5 Perimeter Rd. Nashua, NH 03063**

**Hartzell HC-C2YR-1BF s/n CH20008**

**DATE: 6-23-06**

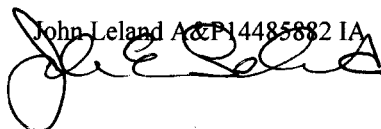
**N#: N4911W**

**TACH: 458.2**

**SPOH: 889.0**

**Propeller Logbook Entry**

Inspected propeller using Rockwell 114 Inspection guide and Hartzell maintenance  
manual. Dressed propeller blades and painted blade faces.  
I certify that this propeller was inspected in accordance with an annual inspection and  
was determined to be in airworthy condition.



**John Leland A&P1448582 IA**



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STAPLES

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trademarks of their respective holders.

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
Hartzell HC-C2YR-1BF s/n CH20008

DATE: 7/1/07

N#: N4911W

TACH: 481.9

SPOH: 912.7

### Propeller Logbook Entry

Inspected propeller using Rockwell 114 Inspection guide and Hartzell maintenance manual. Dressed propeller blades and painted blade faces.

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

*Douglas Mears*

Douglas Mears A&P27921821A

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
Hartzell HC-C2YR-1BF s/n CH20008

DATE: 9/1/08

N#: N4911W

TACH: 502.1

SPOH: 932.9

### Propeller Logbook Entry

Inspected propeller using Rockwell 114 Inspection guide and Hartzell maintenance manual. Dressed propeller blades and painted blade faces.

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

*Douglas Mears*

Douglas Mears A&P27921821A

Leland Aero Service LLC  
5 Perimeter Rd. Nashua, NH 03063  
Hartzell HC-C2YR-1BF s/n CH20008

DATE: 9/21/09

N#: N4911W

TACH: 511.8

SPOH: 942.6

### Propeller Logbook Entry

Inspected propeller using checklist in conformance with FAR 43.15©(1). Dressed propeller blades and painted blade faces.

I certify that this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Derek M. Berna A&P2669895801A

White MULTI-USE 5" x 3"  
Use template 5450™

3" x 5"  
5450™

Item # 13945

White MULTIUSE 3" x 5"  
Same size as template 5450™


Valiant Aviation Maintenance, Inc.  
10/14/2010

270 Estrella Avenue  
St. Augustine, FL 32095

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 522.9, AFTT: 1974.5**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 953.7**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended, profiled and painted the propeller blades.

**I certify that this Propeller was inspected I/A/W an Annual/100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an airworthy condition and is approved for return to service at this time.**

  
Brian J Miceli AP591828248IA

Valiant Aviation Maintenance, Inc.  
12/12/2011

478 Homestead Drive  
Dallas, Georgia 30157

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 537.1, AFTT: 1988.7**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 967.9**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended and profiled the propeller blades.

**I certify that this Propeller was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.**

  
Brian J Miceli AP591828248IA

Seraph Aviation Maintenance  
12/17/2012

478 Homestead Drive  
Dallas, Georgia 30157

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 543.8, AFTT: 1995.4**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 974.6**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended and profiled the propeller blades.

**I certify that this Propeller was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.**

  
Brian J Miceli AP591828248IA

MICELI, INC.  
1/1/2014

478 Homestead Drive  
Dallas, Georgia 30157

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 548.3, AFTT: 1999.9**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 979.1**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended and profiled the propeller blades.

**I certify that this Propeller was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.**

  
Brian J Miceli AP591828248IA

MICELI, INC.  
1/11/2015

478 Homestead Drive  
Dallas, Georgia 30157

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 552.7, AFTT: 2004.3**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 983.5**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended and profiled the propeller blades.

**I certify that this Propeller was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.**

  
Brian J Miceli AP5918282481A


MICELI, INC.  
3/01/2016

178 Spring Dale Lane  
Dallas, Georgia 30157

**N4911W, ROCKWELL AERO COMMANDER 114, S/N: 14235, TACH: 570.6, AFTT: 2022.2**  
**HARTZELL, MODEL: HC-C2YR-1BF, S/N: CH20008, PTSMOH: 1001.4**

Inspected propeller blades, mounting hub, bulkhead and spinner. Lubricated the propeller hub. Cleaned, blended and profiled the propeller blades.

**I certify that this Propeller was Inspected I/A/W an Annual / 100 Hour Inspection as per FAR Part 43 Appendix D and was determined to be in an Airworthy Condition and is Approved for Return-to-Service at this time.**

  
Brian J Miceli AP5918282481A

Reg: N4911W  
Model: HARTZELL (HC-C2YR-1BF)  
SN: CH20008  
TTP: 2046.1 TSPDH: 1025.3

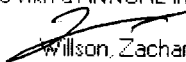
SAM Saint Augustine Aviation Maintenance  
270 Estralla Ave.  
Saint Augustine, Florida 32095

Date: 6/1/2017  
TTA: 2046.1  
Tach: 594.5

### Maintenance Record (Propeller)

Performed a ANNUAL inspection in accordance with ROCKWELL INTERNATIONAL 114 maintenance manual and Part 43 Appendix D.  
Dressed, cleaned, and painted prop. All applicable AD's C/W at this time.

**I certify that this Propeller has been inspected in accordance with a ANNUAL inspection and has been determined to be in airworthy condition**

  
Willson, Zachary  
A&P33894871A



**09/01/2019**

**Rockwell Aero Commander 114, Registration: N4911W**

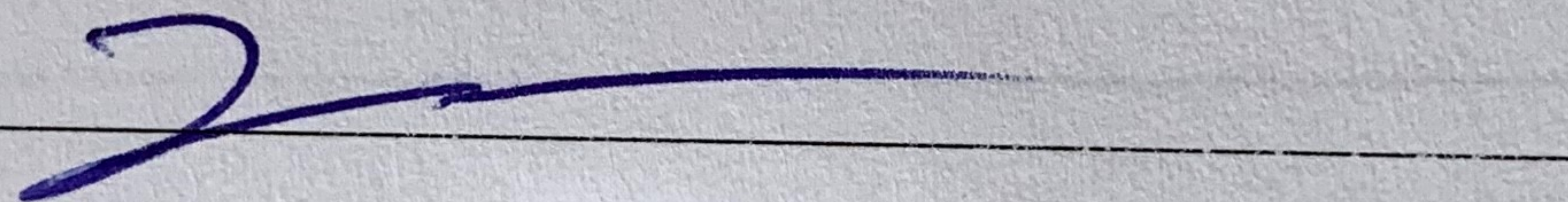
**Airframe: 114 S/N: 14235 TACH: 596.2 TT: 2047.8 hrs**

**Propeller: P/N: Hartzell HC-C2YR-1BF S/N: CH20008 TT: 2047.8 hrs TSPOH: 1027.0 hrs**

AD's checked through bi-weekly 2019-16.

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

Date: 9-1-19

Signature: 

Cert. No: A&P 3389487 IA