

FAA Approved Manual No. 145 61-00-45 Revision 8 July 2010

Propeller Owner's Manual and Logbook

"Compact" and "Lightweight Compact" Models with Composite Blades

Compact Constant Speed, Non-counterweighted

BHC-J2YF-1()(P)

HC-C2YR-1()

HC-C3YR-1()

HC-E3YR-1()

HC-I3YR-1()

PHC-G3YF-1()

(P)HC-J3YF-1N

Compact Constant Speed and Feathering

HC-C3YR-2()

Compact Constant Speed, Counterweighted

HC-C3YR-4()

HC-G3YR-4()

Lightweight Compact Constant Speed, Non-counterweighted

PHC-J3Y1F-1()

HC-I3Y1R-1()

PHC-L3Y1F-1()

Hartzell Propeller Inc.

One Propeller Place

Piqua, OH 45356-2634 U.S.A.

Ph: 937-778-4200 (Hartzell Propeller Inc.)

Ph: 937-778-4379 (Product support) Product Support Fax: 937-778-4391

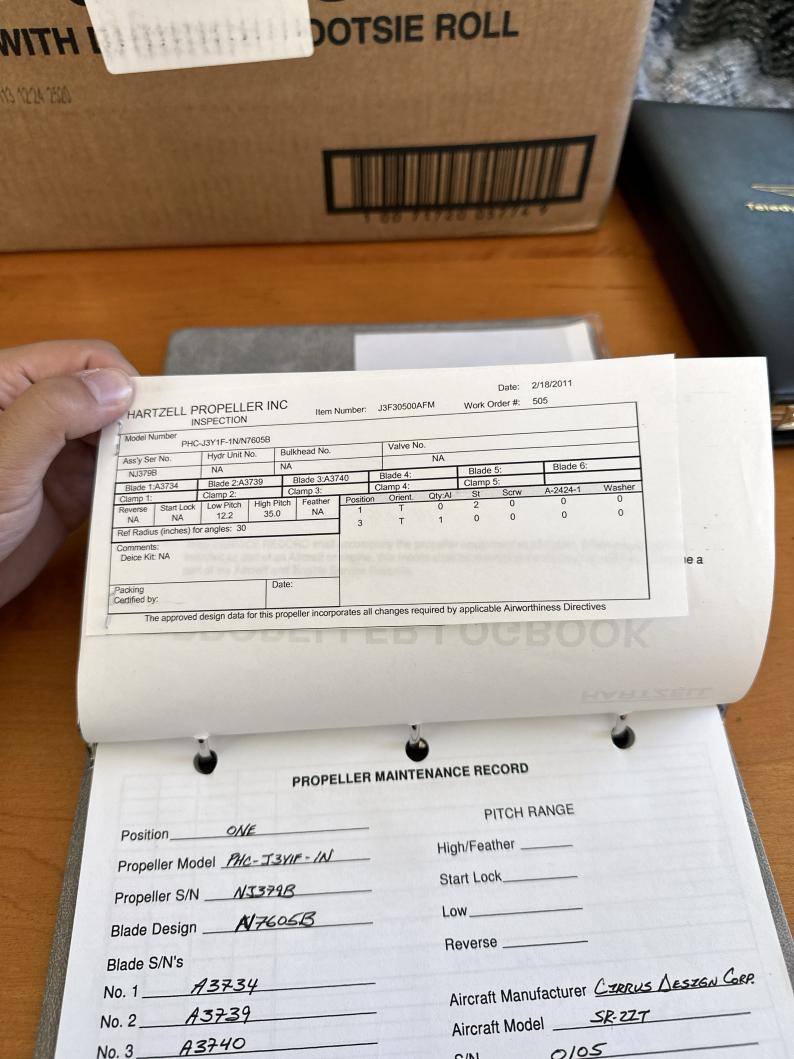


PROPELLER LOGBOOK

PROPELLER MODEL PHC-JSVIF-IN

PROPELLER S/N _____N379B_____

LOGBOOK #____



HARTZELL PROPELLER INC

Item Number: J3F30500AFM

Date:

2/18/2011

505 Work Order #: INSPECTION Model Number PHC-J3Y1F-1N/N7605B Valve No. Bulkhead No. Hydr Unit No. Ass'y Ser No. NA NA NA NJ379B Blade 6: Blade 5: Blade 4: Blade 3:A3740 Blade 1:A3734 Blade 2:A3739 Clamp 5: Clamp 4: Clamp 3: Clamp 2: Washer Clamp 1: A-2424-1 Scrw St Qty:Al Feather Position Orient. High Pitch Low Pitch Start Lock 0 Reverse 0 2 0 T NA 35.0 12.2 NA NA 0 0 0 0 T 3 Ref Radius (inches) for angles: 30 Comments: Deice Kit: NA Date: Packing Certified by:

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives





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PositionONE	PITCH RANGE
Propeller Model PHC-J3yIF-IN	High/Feather
Propeller S/N	Start Lock
Blade Design	Low
Blade S/N's No. 1	Reverse
No. 2 A37-39	Aircraft Manufacturer Czerus Aeszen Gen
No. 3A3740	Aircraft Model SR-2Z7
No. 4	S/N
No. 5	Registration
No. 6	
Spinner Assembly Part No	

Date	Prop TSN	peller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
2/17/1	e 1	N/A		I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 145 Rev. 7 Dated Oct.2009 Section 61-00-45 on







PROP MODEL
PHC-J3Y 1F-1N
PROP S/N NJ379B
REG NO 224CT
WORK ORDER
14285-06-2011



Cirrus Design Factory Service Center

Repair Station No YD5R855Y 4514 Taylor Circle Duluth, MN 55811 Phone 218- 788-3438 DATE 6/29/2011 A/C TSN 172 3 PROP TT 172 3 HOBBS 221 4

Prop Entries

(5) Flight meter 172 3 hrs - Performed propeller Annual/100HR inspection IAW cirrus mm chapter 5-20 and 5-30 (8) Researched ADs through bi-weekly issue 2011-13 all ADs are in compliance at this time (17) Lubricated propeller hub IAW Hartzell Owners Manual section Maintenance Practices (19) Conditioned propeller boots IAW standard maintenance practices

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 CRS YD5R855Y.

DATE: 6/29/2011

SIGNED:

Work Order: 14285-06-2011

Peterson, Daniel J Certified Repair Station No YD5R855Y

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PROP MODEL: PHC-J3Y1F-1N PROP S/N: NJ379B

REG. NO: N224CT WORK ORDER: 113756

Clear Star Aviation

Repair Station No. 5CSR009B 4765 Frank Luke Dr

Addison, Texas 75001 Phone: 972-267-2376 DATE: 6/22/2012

A/C TSN: 304.7 PROP TT: 304.7

FLIGHTTIME: 304.7

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 6/22/2012

SIGNED.

Work Order: 113756

Menge, Adam Certified Repair Station No. 5CSR009B

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Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 8342	Serial #: NJ379B	Hobbs 481.9 Flight 374.9
Date: 09/01/2013	Model # PHC-J3Y1F-1N	Prop. T.T. 374.9

Completed annual propeller inspection this date IAW Cirrus SR22T MM & MM checklist. Painted Blade faces.

I certify that this propeller has been inspected IAW a annual inspection and is airworthy at this time and is approved for return to service.

Signature:

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance



Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 8875	Serial #: NJ379B	Hobbs 532.9 Flight 415.7
Date: 10/15/2014	Model # PHC-J3Y1F-1N	1

Completed annual propeller inspection this date IAW FAR 43 appendix D. I certify that this propeller has been inspected IAW a annual inspection and is airworthy at this time and is approved for return to service.

Signature: __

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance 209 Access Road, Norwood MA 02062 781-769-8686



Name: Windsor Aviation,	Tail # N224CT	Hobbs Time: 570.0
LLC		
W.O.: 9216	Serial #: NJ379B	Flight Time: 443.6
Date: 11/20/15	Model # PHC-J3Y1F-IN	TSMOH:

Checked bi-weekly ADs through 2015-23.

I certify that this propeller has been inspected IAW FAR Part 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature: Lance Drew A&P 38401436

Flightlevel Norwood Aircraft Maintenance



Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 9562	Serial #: NJ379B	Hobbs 621.1 Flight 483.8
Date: 12/09/2016	Model # PHC-J3Y1F-1N	

Completed annual propeller inspection this date IAW FAR 43 appendix D. I certify that this propeller has been inspected IAW a annual inspection and is airworthy at this time and is approved for return to service.

Signature:

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance



Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 9898	Serial #: NJ379B	Hobbs 705.1 Flight 549.9
Date: 1/22/2018	Model # PHC-J3Y1F-1N	

Completed annual propeller inspection this date IAW FAR 43 appendix D.

I certify that this propeller has been inspected IAW a annual inspection and is airworthy at this time and is approved for return to service.

Signature:

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance

Date	Propeller TSN TSC	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.	
	l certify this were performance respect to the approved for the second s	ress blades a round run, l Propeller h med in acco ne work / Ins r return to s	N224CT Flight: 594.4 N224CT	
	97			_/





	port city air	Flight: 643.2		
4-15-2020	N224CT			
W/O PCA-P160	Cirrus SR22T S/N 0105	Hobbs: 828.6		
Hartzell	PHC-J3Y2IF-IN S/N NJ557B	TSN: 643.2		
Hattzell	1110-031211 111 0/11/1000/12			

- Dress blades and service hub with aeroshell 6
- Ground run, Leak and operational check good.

I certify this Propeller has been inspected in accordance with an Annual inspection. The work / inspections listed above were performed in accordance with the current manufacture's maintenance manuals and current FAA regulations. With respect to the work / Inspections performed, the aircraft identified above was found to be in an airworthy condition and is approved for return to service.

PORT CITY AIR, INC. / NEW HAMPSHIRE HELICOPTERS, 104 GRAFTON DRIVE, PORTSMOUTH, NH 03801

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LOGBOOK ENTRY

PROPELLER

Name: Windsor Aviation	A/C: N224CT	
W.O.: 11396	Model: PHC-J3Y1F-	Hobbs: 860.6
	1N	Tach: 668.0
Date: 7/21/2021	S/N: NJ379B	

Removed propeller, Model PHC-J3Y1F-1N, S/N NJ379B. Sent out to New England Propeller for overhaul.

Signature: ______A&P 38401436
Lance Drew

FlightLevel Norwood LLC - Maintenance 209 Access Rd., Norwood, MA 02062

Authori	ing Civil Aviation ty/Country: United States	2.		RELEASE CERTIFICATE RWORTHINESS APPROVAL TAG			3. Form Tracking Number: 46849	
4. Organiz	ation Name and Addre	SS:					5 Work Order	Contract/Invoice Number
4	New Englan FAA RSN R EASA 145.5		vice, Inc	6 Matthews Drive East Haddam, CT 06423-2388 (860) 873-1494 · Fax: (860) 873-2388			CR-46849	
6. Item:	7. Description:	8. Part Number:		9. Quantity:	10. Serial Numbe	r:	11. Status/Work:	
1	Hartzell-Propeller		-J3Y1F-1N N7605B	1	NJS	379B		verhauled
•			e Since Overhaul: 00.0		113BR48 202A V3R39 202A V10R36	135FR41 202A V6R36 202A V11R36	202A V1R59 202A V7R51	202A V2R32 202A V8R35
Details of the following MAJOR COROLLETING	work performed are of ing work was performed by the work per	n file at New England ed: S REFINISHED. PA LLER TRACKED, E	Propeller Service, Inc. und RTS FLORESCENT PER BALANCED, GREASED, E BEDGE ON BLADE S/N	der Repair Station V NETRANT INSPEC	CTED, MAGNAFI D PAINTED INS	-UXED & REPLA	CED WHERE F	I/AAAI SEDVICE
Blade Ser	ial #'s:	1.) A3734	2.) A3739	3.) A3740	4.) N/A	5.) N/A	6.) N/A	
			· 1	MAJOR PAR	TS REPLACE	D		
he following Service Bulletins have been complied with:				Nomen	clature	Part #	Qtv.	Reason

LEADING EDGE

101622

DEROLIND

HC-SB-61-281

Assertice Letters have been complied with:				
Swince Letters have deen some				
N. T. S.				
o we				
. 966				
ROCEDURE: 001				
and Applicable A.D. Doto & Hours Mathed of a				
Revision Date Applicable A.D Date & Hours Method of	Next Comp.			
A.D.'s Revision Date S.B. & Subject @ Compliance Compliance one-t	me recurr. hrs./date			
The state of the s				
entries the items identified above were manufactured in conformity to: 14a. 14 CFR 43.9 Return to Service	Other regulation specified in Block 12			
Approved design data and are in a condition for safe operation. Certifies that unless otherwise specified in E	ack 12 the work identified in Direct			
Non-approved design data specified in Block 12. 11 and described in Block 12 was accomplished.	ned in accordance with Title 14, Code			
of Federal Regulations, part 43 and in respection for return to service.	of Federal Regulations, part 43 and in respect to that work, the items are approved			
Authorized Signature: 13c. Approval/Authorization No.: 14b. Authorized Signature:	14c. Approval/Certificate No			
Name (Typed or Printed): 13e Date (dd/mrzsz/www): 14d Name (Typed or Brinted):	RC2R130L			
14d. Name (Typed or Printed):	14e. Date (dd/mmm/yyyy):			
ARTIE D'ONOFRIO, PRESID	ENT 23/AUG/2021			
User/Installer Responsibilities * to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.				
and children of this accument along does not automatically constitute authority to install the anadian management				

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

FORM 8130-3 (02-14)



PHC-J3Y1F-1N HARTZELL N7605B 08/23/21 **PROPELLER** S/N NJ379B MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT 668.00 P.T.T.S.N.: PENETRANT INSPECTED, MAGNAFLUXED & REPLACED WHERE 00.00 P.T.T.S.O.: REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES AND PAINTED. INSTALLED BLADE DOWEL PINS I/A/W SERVICE BULLETIN HC-SB-61-319. REPLACED LEADING EDGE ON BLADE S/N A3739. PROPELLER LUBRICATED WITH NYCO GN3058 GREASE I/A/W SERVICE LETTER HC-SL-61-366. REF: W/O# CR-46849 AUTHORIZED BY: NEW ENGLAND PROPELLER SERVICES 6 MATTHEWS DRIVE EAST HADDAM, CT 06423 FAA REPAIR STATION #RC2R130L EASA 145.5972

1-860-873-1494



PROPELLER

TATOLIBRIA		
Name: Windsor Aviation, LLC	Tail # N224CT	Hobbs Time: 860.6
W.O.: 11396	Model #: PHC-J3Y1F-IN	Flight Time: 668.0
Date: 8/26/2021	Serial #: NJ379B	TSMOH: 0.0

Reinstalled propeller after overhaul by New England Propeller Service Inc. See 8130-3 for details. Checked bi-weekly AD's through 2021-17.

I certify that this propeller has been inspected IAW FAR Part 43 Appendix D for a 100 Hour Inspection and has been determined to be in airworthy condition.

Signature: ______A&P 38401436

I certify that this propeller has been inspected IAW FAR 43 Appendix D for an Annual Inspection and is airworthy at this time and is approved for return to service.

Signature:

IA 16629146

Steven Wolff

Flightlevel Norwood Aircraft Maintenance
209 Access Norwood MA 02062 781-769-8686



Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 11987	Serial #: NJ379B	Hobbs 900.3 Flight 699.0
Date: 9/23/2022	Model # PHC-J3Y1F-1N	TSO: 31

Completed annual propeller inspection this date IAW FAR 43 appendix D.

I certify that this propeller has been inspected IAW a annual inspection and is airworthy at this time and is approved for return to service.

Signature:

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance

Propeller TSN TSO A/C Hrs Description of all operations pertaining Service Documents, Overhaul, Major or



Propeller Log Entry

Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 12507	Serial #: NJ379B	Hobbs 900.3 Flight 699.0
Date: 11/10/2023	Model # PHC-J3Y1F-1N	TSO: 56.7

Completed annual propeller inspection this date IAW FAR 43 appendix D. Adjusted MAX RPM.

I certify that this propeller has been inspected IAW an annual inspection and is airworthy at this time and is approved for return to service.

AD's

C/W AD 20-19-06 McCauley propeller Governor. N/A not installed.

Signature: (

Steven Wolff A&P IA 16629146

Flightlevel Norwood Aircraft Maintenance



Name: Windsor Aviation L.L.C.	Tail # N224CT	
WO# 13097	Serial #: NJ379B	Hobbs 975.0 Flight 754.9
Date: 1/24/2025	Model # PHC-J3Y1F-1N	TSO: 86.9

Completed annual propeller inspection this date IAW FAR 43 appendix D.

I certify that this propeller has been inspected MW an annual inspection and is airworthy at this time and is approved for return to service.

Signature:

Steven Wolff IA 16629146

Flightlevel Norwood Aircraft Maintenance