

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1RF

PROPELLER S/N FP1997B

LOGBOOK # 1



05  
PROP MODEL:  
1RF1F7694  
PROP S/N FP1997B  
REG NO 306DC  
WORK ORDER: 4924



### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 11/5/2004  
A/C TSN 172.4  
PROP TT:  
HOBBS: 172.4

#### Prop Entries

(22) Inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 11/5/2004

SIGNED:

  
Robert Betzler  
Certified Repair Station No. LKPR101K

**INSPECTOR #3**

Work Order: 4924

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
PHL-J3YF-1RF  
PROP S/N FP1997B  
REG NO: 306DC  
WORK ORDER: 5921

### Lincoln Park Aviation

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/16/2005  
A/C TSN: 257.6  
PROP TT: 257.6  
HOBBS: 257.6

#### Prop Entries

(3) ANNUAL/PROP -Inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 12/16/2005

SIGNED:

  
Frank R Galella  
Certified Repair Station No. LKPR101K

**Inspector 2**

Work Order: 5921

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.
------	----------------------	------------	---

PROP MODEL  
PROP S/N  
REG NO: 306DC  
WORK ORDER 6834



**Lincoln Park Aviation**

425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 12/26/2006  
A/C TSN 339 2  
PROP TT:  
HOBBS 339 2

**Prop Entries**

(3) ANNUAL/PROP -Inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below

DATE: 12/26/2006

SIGNED:

Frank R Galella

Inspector 2

Work Order: 6834

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
PROP S/N  
REG NO: 306DC  
WORK ORDER: 7502



**Lincoln Park Aviation**

Repair Station No. LKPR101K  
425 Beaverbrook Road  
Lincoln Park, NJ 07035  
Phone: 973-633-0450

DATE: 11/8/2007  
A/C TSN 413 8  
PROP TT:  
HOBBS 413.8

**Prop Entries**

(3) ANNUAL/PROP -Inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below

DATE: 11/8/2007

SIGNED:

Frank R Galella

Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7502

Printed by EBis 3 (datcomedia.com)

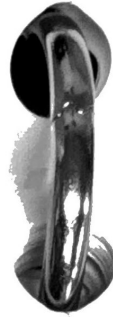
The Aircraft, Airframe, Rotating Parts, and Engines are Approved for return to service. Return to service below.

DATE: 11/8/2007

SIGNED:

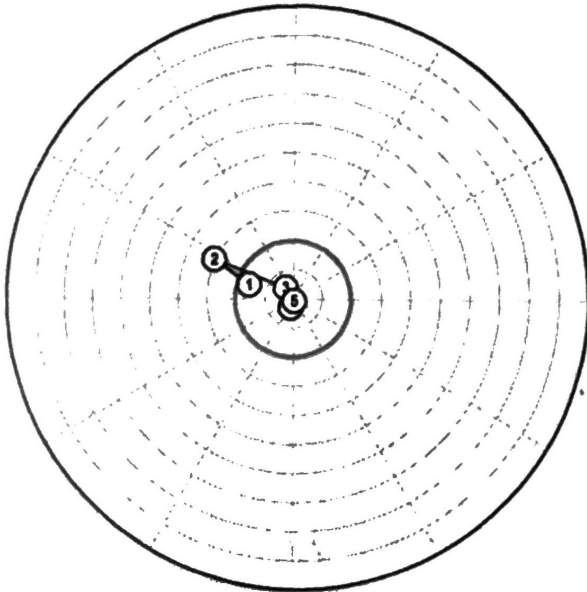
Frank R Galella  
Certified Repair Station No. LKPR101K

Inspector  
Printed



## ENGINE/PROP DYNAMICALLY BALANCED

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



### Operator Comments

Removed prop and reinstalled with blade over TDC indicator on crankshaft. Adjusted prop gov stop screw out for take off rpm. Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #148 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 .159 @ 2552 rpm reduced to .011 IPS @ 2561 rpm by removal of existing installation of AN hardware balance weights on spinner rear bulkhead and installation of new AN balance hardware on rear bulkhead. 9.25 grams @ 75 degrees and 20.34 grams @ 190 degrees. Checked both mag to engine timing, found both mags @ 22 degrees +.2 BTDC.

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

N306DC Cirrus SR 22 366 429.6 Hrs

Cont IO 550 N 7 913959

HP 2550 Rpm

MicroVib II SN:1177 Cal:08/01/2007

Initial: 0.160 IN/S @ 2551.6 RPM Final: 0.011 IN/S @ 2560.6 RPM

Oper: \_\_\_\_\_

Date: 11/18/2007

Jim Barker A&P 2755069




# IN AIRE INC

Date	Propeller TSN	TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.		
January 2, 2009				Propeller Log Entry N306DC		
	Hobbs: 586.6	TTP: 586.6	SPOH: N/A	Hartzell PHC-J3YF-1RF	S/N: FP1997B	
	Perform propeller annual inspection IAW Cirrus SR22 MM inspection forms. Inspect blades, hub, mounting nuts, safety, spinner and spinner bulkhead, no defects found. Dress small nicks and propeller leading edges. Install spinner. AD compliance verified through 1/2/2009, biweekly issue. No propeller ADs due at this time. I certify this propeller has been inspected IAW annual inspection and determined to be in an airworthy condition.					
	The above maintenance is certified airworthy and approved for return to service.					
	Further details on file at this facility under work order #3407.					
	<i>Todd Harris</i>					
	Todd Harris		1/2/2009	Great Lakes Aviation AZO, LLC 2422 E Kilgore Rd. Kalamazoo, MI 49002		CRS#Z2GR106B
January 2, 2009				Propeller Log Entry N306DC		
	Hobbs: 586.6	TTP: 586.6	SPOH: N/A	Hartzell PHC-J3YF-1RF	S/N: FP1997B	
	AD 2005-14-11 N/A prop never serviced by Southern Cal. Prop. Service. AD 2007-26-09 N/A by blade serial numbers.					
	The above maintenance is certified airworthy and approved for return to service.					
	Further details on file at this facility under work order #3407.					
	<i>Todd Harris</i>					
	Todd Harris		1/2/2009	Great Lakes Aviation AZO, LLC 2422 E Kilgore Rd. Kalamazoo, MI 49002		CRS#Z2GR106B

4-1-2011 Hobbs: 804.4 c/w Annual Inspection  
 I certify that this propeller has been inspected  
 in accordance with an annual inspection and was  
 determined to be in a airworthy condition.  
 Dave Kapica AP33138491A

5-14-2012 Hobbs: 879.9 c/w Annual  
 Dave Kapica AP33138491A

4-1-2011	HOBBS:	804.4	C/w ANNUAL INSPECTION
	I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED		
	IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS		
	DETERMINED TO BE IN A AIRWORTHY CONDITION.		
	Dave Kapica AP3313849 IA		
5-14-2012	HOBBS:	879.9	C/w ANNUAL INSPECTION
	Dave Kapica AP3313849 IA		
7-23-2013	HOBBS:	909.1	C/w ANNUAL INSPECTION, DRESSED BLADES
	Dave Kapica AP3313849 IA		
10-10-2014	HOBBS:	940.0	C/w ANNUAL INSPECTION
	Dave Kapica AP3313849 IA		

Date: 7/01/2015; Aircraft: N306DC; Type: CIRRUS SR22; S/N: 0366; Hobbs: 949.6; Total Time: 949.6; Engine - Type: IO-550N7, S/N: 686701, Time: 949.6; Prop - Type: -1RF, S/N: FP1997B, Time: 949.6  
 \*\*\*Prop Work\*\*\*

Completed an Annual inspection in accordance with FAR 43, Appendix D. Ground run for ops and leak ck normal. All work performed in accordance with approved/current technical data.

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

John Podgorski  
 AP3531593IA



Wisconsin Aviation - Madison  
 3606 Corben Court  
 Madison, WI 53704  
 608-268-5003



Wisconsin Aviation - Watertown  
 1741 River Drive  
 Watertown, WI 53094  
 920-261-4567

Directives,  
 and Inspections.

---



---



---



---



---

11-1-2016	HOBBS:	971.9	C/w ANNUAL INSPECTION	
			Dave Kapica AP3313849IA	
6-1-2018	HOBBS:	994.2	C/w ANNUAL INSPECTION	
			Dave Kapica AP3313849IA	

wo: WO\_146

Propeller - page 1 of 1



Flightlogix - 4510 Airport Road - Cincinnati, OH 45226 - 513-321-1200

**N306DC**

**February 4, 2019**

Hobbs: 1000.8

1. Removed propeller, sent out for overhaul by Tiffin Aire Inc.
2. Installed propeller per Hartzell Owner manual No. 115N after overhaul by tiffin Aire Inc CRS# DTXR341D under WO# 23932 Installed (1) PHC-J3YF-1RF/F7694 - Propeller, S/N: FP1997B.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Flightlogix under work order: WO\_146.

Greg Herrmann A&P IA 406901563



AVIATION PROPELLERS, INC.

## PROPELLER LOG BOOK ENTRY STICKER

February 27, 2019 propeller assembly serial number FP1997B was repaired IAW Hartzell Propeller manuals: 113B-R46, 133C-R37, 159-R66, 165A-R23 and 202A. AD Notes: N/A. Service Bulletins: N/A. Propeller was dressed, painted and statically balanced only. 3ea mounting studs removed and replaced with factory new studs. Propeller shipped assembled with bulkhead and anti ice equipment installed. A copy of the work order issued. Original FAA Form 8130-3 and propeller log book entry sticker issued. Propeller assembly model number, component serial numbers and times are:

Prop model number: PHC-J3YF-1RF/F7694 TTSN: Not Provided TSO: 9.0 TSR: 0.0

Work accomplished by Aviation Propellers, Inc., 12970 Port Said Road, Opa Locka, Florida, 33054, Repair Station ME4R359M, under API Work Order Number 45102A.

Jason H. Gato  
Chief Inspector

A large, stylized handwritten signature in blue ink, written over the printed name and title of the Chief Inspector.



**Make: Hartzell**  
**Model: PHC-J3YF-1RF**  
**S/N: FP1997B**

1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

**Date: 07/15/2019**  
**N306DC**  
**Hobbs: 1082.0**  
**PTTSN: 1082.0**  
**TSMOH: 81.2**

### **Propeller Entry:**

Performed an annual inspection IAW FAR 43 Appendix D. using Cirrus MM Chapter 5-20 as a guide. No applicable AD's at this time. Reference AD compliance report dated 07/2019 for complete details. Dressed leading edges. Details of this inspection are on file at this facility under work order #T11622. END.

---

I certify that this PROPELLER has been inspected IAW an annual inspection and was found to be in airworthy condition.

Ryan McGee  
A&P3786795IA







wo: INV\_9106

Propeller · page 1 of 1



PF Flyers Inc. · 12 Ramseur Ct · Greenville, SC 29607 · 864-252-4289 · CRS#: Y3FR325Y

**N306DC**  
TACH: 1614.7

**Hartzell, PHC-J3YF-1RF, S/N: FP1997B**

**October 25, 2023**

Complied with annual inspection and service IAW FAR 43 (d) referencing Cirrus SR 22 CH5- 20 checklist as a guide.

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

Chester Matthew A/P, IA 3077146

A handwritten signature in black ink, appearing to read "Chester Matthew".

wo: INV\_9738

Engine · page 1 of 1



PF Flyers Inc. · 12 Ramseur Ct · Greenville, SC 29607 · 864-252-4289

**N306DC**  
TACH: 1779.4

**Hartzell, PHC-J3YF-1RF, S/N: FP1997B**

**November 21, 2024**

Complied with annual inspection and servie in accordance with FAR 43 app (d) referencing Cirrus SR22 AMM 5-20 checklist. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

John Pruden A&P/IA 3503331

A handwritten signature in black ink, appearing to read "John Pruden".

Propeller  
TSN

wo: INV\_10394

Propeller - page 1 of 1



PF Flyers Inc. · 12 Ramseur Ct · Greenville, SC 29607 · 864-252-4289

**N306DC**

Hobbs : 1920.5

**January 05, 2026**

Complied with annual inspection and service IAW FAR 43 (d) referencing Cirrus SR 22 CH5-20 checklist as a guide.

I certify that this propeller has been inspected in accordance with an annual inspection and was determined to in airworthy condition. With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with PF Flyers Inc. under work order: INV 10394.

Chester Matthew A/P, IA 3077146