

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3Y1F-1N/N7605B

PROPELLER S/N NJ394B

LOGBOOK # 1

## PROPELLER MAINTENANCE RECORD

Position ONE

Propeller Model PHC-53YIF-1A1

Propeller S/N NJ394B

Blade Design N7605B

Blade S/N's

No. 1 A4320

No. 2 A4309

No. 3 A4307

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_

## PITCH RANGE

High/Feather \_\_\_\_\_

Start Lock \_\_\_\_\_

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer Cirrus Design Corporation

Aircraft Model SR22

S/N 3703

Registration N545PM

[illegible]

June 2, 2011 N545PM S/N 3703 Flight Time 101.1  
100hr/Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection  
Report ATA 05-20.

ADs checked thru BW 2011-09 no ADs due at this time.

See AD list for full details.

The maintenance operation(s) described above were inspected in accordance  
with current regulations and with respect to work performed, the aircraft and/or  
component was found airworthy and is approved for return to service.

Details are on file under work order 6243

  
Ed Hobelman  
MYNR748K



11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487

Certified Repair Station No. MYNR748K



November 28, 2011 N545PM S/N B1777B Flight Time 197.3 TTP  
100hr/Annual Inspection Completed This Date. Inspected IAW Cirrus Inspection  
Report ATA 05-20 dated 5/31/11. Lubed per instructions.  
ADs checked thru BW 2011-23 no ADs due at this time.  
See AD list for full details.

The maintenance operation(s) described above were inspected in accordance  
with current regulations and with respect to work performed, the aircraft and/or  
component was found airworthy and is approved for return to service.

Details are on file under work orders 6512 & ~~6522~~

  
Ed Hobelman  
MYNR748K



MONTGOMERY  
AVIATION, INC.

11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487

Certified Repair Station No. MYNR748K

**July 25, 2012 N545PM M/N SR22 S/N 3703 FLT Time and Prop TT 298.4 Hobbs  
Time 370.3**

**Annual/100HR inspection completed this date. Lubed hub and profiled blades. AD's  
good thru 2012-11. Run-up and operational checks good.-----END-----**

**The maintenance operation(s) described above were inspected in accordance with current  
regulations and with respect to work performed, the aircraft and/or component was found  
airworthy and is approved for return to service. Details are on file under work order 6865.**

  
**Dan Montgomery**  
**Repair Station MYNR748K**



**MONTGOMERY  
AVIATION, INC.**

**11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487**

**Certified Repair Station No. MYNR748K**

**January 1, 2013 N545PM M/N SR22 S/N 3703 Prop Total Time and FLT Time 405.2  
Hobbs Time 497.9**

**Annual/100HR inspection completed this date I/A/W Cirrus SR22 Scheduled  
Maintenance Report. Lubed hub and checked for blade damage. No defects found.  
AD's good thru 2012-23. Run-up and operational checks good.-----END-----**

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7116**.



Paul W. Enlow  
Repair Station MYNR748K



**MONTGOMERY  
AVIATION, INC.**

11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487

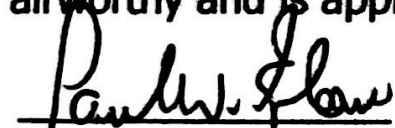
Certified Repair Station No. MYNR748K

Prop Log

**May 8, 2013 N545PM M/N SR22 S/N 3703 FLT and Prop TT 514.3 Hobbs Time 624.4**

**Annual/100HR insp. completed this date I/A/W Cirrus SR22 Scheduled Maintenance Report. No defects found. AD's good thru 2013-06. Run-up and operational checks good.-----END-----**

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **7295**.



Paul W. Enlow

Repair Station MYNR748K

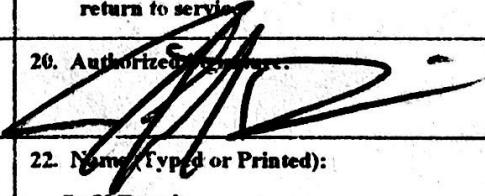


**MONTGOMERY  
AVIATION, INC.**

11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487

Certified Repair Station No. MYNR748K

Propeller  
TSN

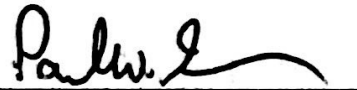
1. Approving National Aviation Authority/Country: <b>FAA/United States</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>152811</b>	
4. Organization Name and Address: <b>Aircraft Specialists Inc. 6005 Propeller Ln. Sellersburg IN 47172 Repair Station # PZ4R458M</b>						5. Work Order/Contract/Invoice Number: <b>152811</b>	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
<b>1</b>	<b>Hartzell Propeller</b>	<b>PHC-J3Y1F-1N</b>	<b>N/A</b>	<b>1</b>	<b>NJ394B</b>	<b>Repaired</b>	
13. Remarks: <b>Resealed propeller (disassembled, cleaned, visually inspected, and reassembled using new seals and gaskets) and balanced propeller. All work performed in accordance with Hartzell Manual 113B Rev. 40 dated 8/2012.</b>							
14. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13  Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: <b>PZ4R458M</b>	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): <b>Jeff Davis</b>		23. Date (m/d/y): <b>Sep/9/2013</b>	
<b>User/Installer Responsibilities</b>							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.  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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.  Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.							
FAA Form 8130-3 (6-01)		*Installer must cross-check eligibility with applicable technical data.				NSN: 0052-00-012-9005	

es,  
ctions.

**September 13, 2013 N545PM M/N PHC-J3Y1F-1N S/N NJ394B FLT and Propeller  
Total Time 620.7 Hobbs Time 767.8**

**Annual inspection completed this date I/A/W Cirrus SR22 Scheduled Inspection  
Report in Ch. 5-10-00. Removed propeller and sent out for repair. Reinstalled  
repaired propeller using new o-ring and hardware. Torqued hardware. Run-up and  
operational checks good. Reviewed AD's thru 2013-17.-----END-----**

The maintenance operation(s) described above were inspected in accordance with current  
regulations and with respect to work performed, the aircraft and/or component was found  
airworthy and is approved for return to service. Details are on file under work order -  
**7474/7475.**



**Paul W. Enlow  
Repair Station MYNR748K**




**MONTGOMERY  
AVIATION, INC.**

11329 East State Road 32  
Zionsville, IN 46077  
317-769-4487


Certified Repair Station No. MYNR748K



Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
<b>Illinois Aviation Academy, Inc.</b> N545PM Flight: 707.9 1/21/2014 Performed 100hr. Inspection I/A/W 14CFR43 Appendix D. Dressed propeller as necessary. All current applicable AD's checked through 1/14/14, compliance verified at this time. I certify I have inspected this propeller in accordance with a 100hr. inspection and found to be in Airworthy Condition at this time.  Hannington Buyinza A&P 2828399				


**Illinois Aviation Academy, Inc.**  
 N545PM Flt. HRS: 815.7 6/25/2014

Performed 100hr. Inspection I/A/W 14CFR43 Appendix D. Dresse  
 propeller as necessary. All current applicable AD's checked through  
 6-14, compliance verified at this time. I certify I have inspected this  
 propeller in accordance with a 100hr. inspection and found to be in  
 Airworthy Condition at this time.-----END-----

  
 Dan Paczynski A&P 2716623


**Illinois Aviation Academy, Inc.**  
 N545PM Tach: 1025.8 6/16/2015

Performed 100hr. Inspection I/A/W 14CFR43 Appendix D. Dresse  
 propeller as necessary. All current applicable AD's checked throug  
 6-14, compliance verified at this time. I certify I have inspected this  
 propeller in accordance with a 100hr. inspection and found to be in  
 Airworthy Condition at this time.-----END-----

  
 Dan Paczynski A&P 2716623

--	--	--	--	--	--	--	--	--	--

3. Form Tracking Number: \_\_\_\_\_

1. Approving Civil Aviation Authority/Country: <b>FAA/UNITED STATES</b>		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <b>APW7133</b>	
4. Organization Name and Address: <b>Aircraft Propeller Works, Inc. 506 Charlotte Road, Auburndale, FL 33823</b>				5. Work Order/Contract/Invoice Number: <b>APW7133</b>	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Propeller	PHC-J3YF-1N N7606B	1	NJ394B	Repair
12. Remarks: This Hartzell Propeller resealed, blades repainted, and static balanced in accordance with Hartzell manual 202A. Approved for return to service with respect to work completed. Continue time.					
Blade serial numbers: 1.A4320 2.A4309 3.A4307					
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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:	
				 <b>T4ZR741Y</b>	
13d. Name (Typed or Printed):		13e. Date (m/d/y):		14d. Name (Typed or Printed):	
				<b>Arthur J Michaud</b> <b>8/27/2015</b>	
<b>User/Installer Responsibilities</b>					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>					







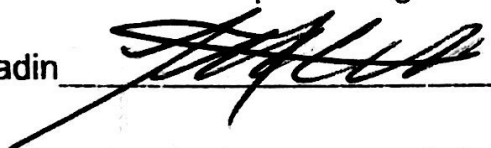
Leading Edge Aviation Maintenance LLC.  
Lakeland Linder Regional Airport (KLAL)  
3760 Airfield Drive West WWW.LEADINGEDGEAVIATION.COM  
Lakeland FL 33811 813-621-7476

Date: 9/27/2016; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1310.4; Total Time: 939.6; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 939.6; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NJ394B, Time: 939.6

- Complied with Cirrus Annual inspection checklist.
- Inspected prop for cracks, leaks, abrasions
- Lubricated hub.
- Verified AD compliance through Bi-weekly issue 2016-18

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Jonathan Coradin  A&P 3502686IA

ite	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.															
	TSN	TSO																	
				<div data-bbox="411 272 1034 535" data-label="Image"> </div> <div data-bbox="1150 259 2392 457" data-label="Text"> <p>Fixed Wing Aviation Maintenance  Lakeland Linder Regional Airport (KLAL)  3760 Airfield Drive West WWW.FIXEDWINGAVIATION.COM  Lakeland FL 33811 863-606-5757</p> </div> <div data-bbox="389 583 2222 670" data-label="Text"> <p>Date: 11/02/2017; Aircraft: N545PM; Type: CIRRUS; S/N: 3703; Hobbs: 1344.6; Total Time: 952.4; Engine - Type: IO-550-N61B, S/N: 1003038, Time: 952.4; Prop - Type: PHC-J3Y1F-1N/N7605B, S/N: NJ394B, Time: 952.4</p> </div> <div data-bbox="387 709 2064 873" data-label="List-Group"> <ul style="list-style-type: none"> <li>-Complied with Cirrus 100hr inspection checklist.</li> <li>-Inspected prop for cracks,leaks,abrasions,lubed hub.</li> <li>-Verified AD compliance through bi-weekly issue 2017-20.</li> <li>-Researched All Cirrus Service Bulletins for this S/N aircraft and made a list of all applicable at this time.</li> </ul> </div> <div data-bbox="381 914 2252 998" data-label="Text"> <p>The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.</p> </div> <div data-bbox="381 998 1553 1144" data-label="Text"> <p>Jonathan Coradin  A&amp;P 3502686IA</p> </div> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td></tr>															



## INFINITY AVIATION

117 Perimeter Road /Nashua, NH 03063  
FAA Certified Repair Station #I6FR992Y

Date: 7/03/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1457.20; Tach;; Total Time: 1029.50

\*Removed the propeller and cracked spinner bulkhead. De sludged the crankshaft. Installed a serviceable bulkhead p/n C-2294-20R/ S/N 0707656C. See serviceable tag from North east propeller dated 6/23/2018. Replaced the TKS and hub "o" ring with new. Replaced the alternator belt, replaced the TKS line safeties, hub bolts, TKS fittings and bulkhead hardware to specification in accordance with the Cirrus maintenance manual chapter 61-10. Operationally checked satisfactory with no leaks noted.

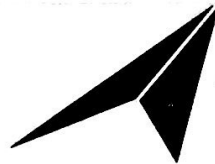
Signature: Alan Desrosiers 

Date: 07/03/2018, W/O: 16826

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y



## INFINITY AVIATION

117 Perimeter Road /Nashua, NH 03063  
FAA Certified Repair Station #I6FR992Y

*N-178*  
Date: ~~11/29~~ 11/29/2018; Aircraft: N545PM; Type: SR22; S/N: 3703; Hobbs: 1469.20; Tach;; Total Time: 1037.00

\*Inspected Propeller. Painted each blade face with flat black paint. Lubricated hub with proper grease.

\*I certify that this propeller has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers 

Date: 11/1/2018, W/O: I16915

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

