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**Propeller  
Logbook**

- CM 25



Hartzel  
McCauley  
Dowt  
Sensenich  
Hamilton Standard



**AIRCRAFT  
PROPELLER  
SERVICE, INC.**

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INSTALLING AGENCY PLEASE  
Recording of Propeller Total Time Since New  
is Required Per F.A.I.

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290 Larkin Drive • Wheeling, IL 60090-6456 • (847) 541-1133 • (800) 323-4130 • FAX (847) 541-0176 • CRS EY2R811K

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1. UNITED STATES		<b>FAA FORM 8130-3</b> AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				3. System Tracking Ref. No. <b>04-43427</b>	
4. Organization — <b>AIRCRAFT PROPELLER SERVICE INC.</b> 290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130						5. Work Order, Contract, or Invoice <b>045202</b>	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	HARTZELL PROPELLER	HC-F2YR-1F F8468A-4R	VARIOUS	1	CM252	OVERHAUL	
13. Remarks							
OVERHAULED PER MAN 113B		Complied With		Serial #		TBN	TS
A.D. 77-12-06		S/B 97A, 118D, 136H, 151A, 155, 159A, 212, 213		UNIT CM252		UNK	2001
S/L 77, 82A, 113, 125A, 143A, 148A, 152A		S/I/(R) 89, 116, 144G, 170, 171B, 185		Bld1 E22812		UNK	
				Bld2 E22810		UNK	
The Next Action Required on this Component is within 2000 HRS OR 60 MO PER S/L 618							
<b>Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.</b>							
14. New		Newly Overhauled		19. Return to Service in Accordance with FAR 43.9			
Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA-approved design and airworthiness.		NOTE: In case of parts to be exported, the special requirements of the importing country have been met.		Certifies that the work specified in block 13 (or attached) above was in accordance with FAA airworthiness regulations and in respect to the work the parts is (are) approved for return to service.			
15. Signature		16. FAA Authorization No:		20. Authorized Signature:		21. (E)	
							
17. Name (Typed or Printed):		18. Date:		22. Name (Typed or Printed):		23. 12/	
				<b>K. WENDELL, INSPECTOR</b>			

# SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
ACTT <u>260.1</u>	A <u>Installation</u>	insp was completed on this		
PTT <u>260.1</u>	propeller and it was determined to be in an airworthy			
TSO <u>0.0</u>	condition. Details on W/O <u>7186</u>			
A/C S/N <u>28-791170</u>	Date <u>2-6-97</u>			
Signature <u>Mitch Behr</u>				
RAYTHEON AIRCRAFT SERVICES				
46 AIRPORT DR., ROCKFORD, IL 61109				
CRS/CGOR815C				
PRP S/N <u>CM 252</u>				
<u>39-99</u>	<u>Miter wash</u>	<u>70.7</u>	<u>Disinfect from black &amp; paint black spec.</u>	
I certify that this <u>Propeller</u> has been inspected				
in accordance with <u>100 HR</u> inspection and				
was determined to be in airworthy condition.				
Date <u>3-9-99</u> W.O. # <u>          </u>				
Total Time <u>          </u>				
Signed <u>Bryan Smith</u>				
A & P <u>445745036</u>				



(913)782-0530  
CRS AMYR171C

S/N CM252 HC-F2YR-1F

Date: 2-18-00 Work Order # 8474  
Tach Time: 173.3 Total Time prop 433.5 Prop Time Since Overhaul: 173.3

Authorized Signatures

Checked spinner, backplate, hub and blades. Dressed and lubed propeller. I certify that this propeller has been inspected in accordance with an annual inspection and determined to be in airworthy condition. Pertinent details are on file under the above work order.

Signed James E. Sued for  
Kansas City Aviation Center, Inc 151st and Pflumm Road Olathe, Kansas 66051 FAA Repair Station #AMYR171C

### Propeller Log Entry

234 Jan, 2001, W/O# 1583, Piper PA-28-236, S/N 28-7911170, 683.4 Hobbs, 576.8 Tach T/T, Hartzell HC-F2YR1, S/N CM2523

Completed Annual / 100hour inspection IAW Piper inspection guide and service manual. Checked tracking. Lubricated IAW service manual. Dressed out damaged area and painted. Checked AD listing through ATP and BI-Weekly for new AD's. Leak and ops checked all systems during power engine run up. No defects noted-----END-----

I certify that this engine has been inspected IAW an Annual / 100 hour inspection and is determined to be in Airworthy condition.

William V. Zito 214402799 AP/IA WVZ

### Prop Log Entry

8 Feb 2002, W/O # 1904, Piper PA-28-236, N29073, Hartzell HC-F2YR-1F, S/N CM252, 494.6 T/T

Completed annual / 100-hour inspection IAW Piper inspection guides and service manual. Dressed and painted blades. Checked tracking. No defects noted-----END-----

I certify that this prop has been inspected IAW an annual / 100-hour inspection and determined to be in airworthy condition.

William V. Zito 214402799 AP / IA, for DB Aviation Inc., Waukegan IL. WVZ

ORV

1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>		<b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: <b>3653</b>	
4. Organization — <b>AIRCRAFT PROPELLER SERVICE INC.</b> 290 LARKIN DR. • WHEELING, IL 80090-6456 • 800-323-4130						5. Work Order/Contract/Invoice Number: <b>65736 W/ATTACHED PAGE 1 THRU 1 DATED 03/12/0</b>	
6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work	
1	HARTZELL PROPELLER	HC-F2YR-1F F8468A-4R	N/A	1	CM252	OVERHAULED	

13. Remarks: OVERHAULED PER MANUAL 113BR24, 202AR17, 133CR13 AND 126.

COMPLIED WITH:  
A.D 2002-09-08  
S/B NONE  
S/L NONE

S/I/R NONE

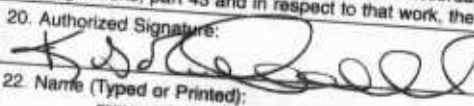
Serial #

ASSY CM252
Hub CM252
Bld1 R22810
Bld2 R22812

TSN	TSO/TSR
UNK	0.
UNK	0.1
UNK	0.2
UNK	0.0

The Next Action Required on this Component is within 2,000 HOURS OR 72 MONTHS PER S/L 61RX.

\*Certifies that the work specified in block 12/13 was carried out in accordance with JAR 145 and in respect to that work, the aircraft component is considered ready for release to service under JAA Acceptance Certificate Number: JAA5

14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in 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 checked="" 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>EY2R811K</b>
17. Name (Typed or Printed):	18. Date:	22. Name (Typed or Printed): <b>KEITH WENDELL, INSPECTOR</b>	23. Date (m/d/y): <b>03/12/03</b>

**User/Installer Responsibilities**

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 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.

\*Installer must cross-check eligibility with applicable technical data.

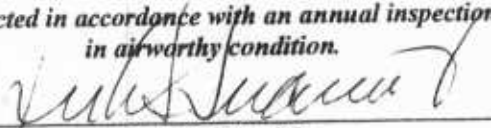
# SERVICE HISTORY

Date	To

**PROPELLER LOGBOOK ENTRY**

N29073 PA28-236 S/N 28-7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 6158  
3/17/03 Completed annual inspection. Removed propeller, sent to Aircraft Propeller Service, Inc.  
TACH: 649.1 for overhaul. See maintenance release. Reinstalled after overhaul in accordance with  
TTP: 909.2 Piper Service Manual. Run up, operational and leak checks satisfactory.  
SPOH: 0.0

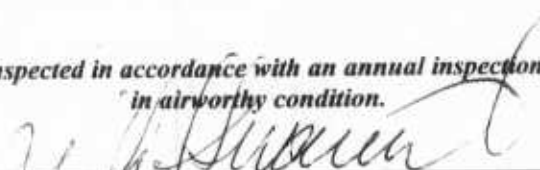
*I certify this propeller was inspected in accordance with an annual inspection and was determined to be in airworthy condition.*

  
Kirk S. Swanick  
A&P3614020881A  
for:  
Waukegan Avionics  
Waukegan, IL

**PROPELLER LOGBOOK ENTRY**

N29073 PA28-236 S/N 28-7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 6338  
3/30/04 Completed annual inspection. Inspected blades, hub, spinner and backplates. Smoothed  
TACH: 842.6 nicks in blades and painted. Run up, operational and leak checks satisfactory.  
TTP: 1102.7  
SPOH: 193.5

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

  
Kirk S. Swanick  
A&P3614020881A  
for:  
Waukegan Avionics  
Waukegan, IL

## SERVICE HISTORY

Date

### PROPELLER LOGBOOK ENTRY

N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 6536

3/30/05

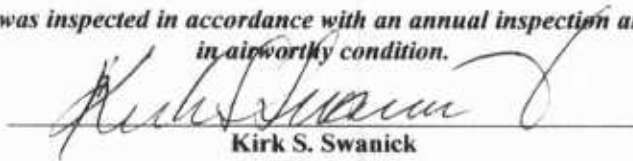
Completed annual inspection. Inspected blades, hub, spinner and backplates. Smoothed nicks in blades and painted. Run up, operational and leak checks satisfactory.

TACH: 950.7

TTP: 1210.8

SPOH: 301.6

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



Kirk S. Swanick  
A&P3614020881A

for:  
Waukegan Avionics  
Waukegan, IL

BS

### PROPELLER LOGBOOK ENTRY

N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 6711

4/20/06

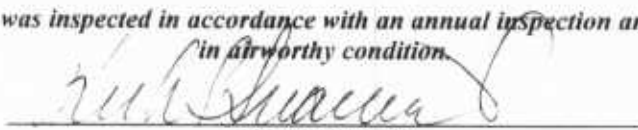
Completed annual inspection. Inspected blades, hub, spinner and backplates. Smoothed nicks in blades and painted. Run up, operational and leak checks satisfactory.

TACH: 1051.7

TTP: 1311.1

SPOH: 401.9

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



Kirk S. Swanick  
A&P3614020881A

for:  
Waukegan Avionics  
Waukegan, IL

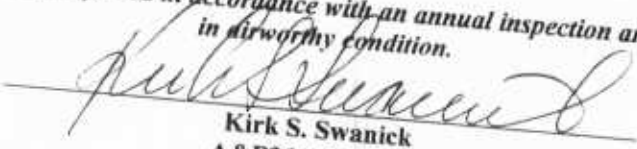




NAME WAS REPAIRED  
-LINE

**PROPELLER LOGBOOK ENTRY**  
**HARTZELL HC-F2YR-1F S/N CM252 WO# 7037**  
 Completed annual inspection. Inspected blades, hub, spinner and backplates. Smoothed nicks in blades. Run up., operational and leak checks satisfactory.  
**AD 2007-26-09 Hartzell Blade Shank Cracks N/A** by previous compliance with AD 77-12-06 (R2) per para. (g).

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



Kirk S. Swanick  
 A&P3614020881A  
 for:  
 Waukegan Avionics  
 Waukegan, IL

Propeller S/N	TSN	TSO
CM252	UNK	0.00

This propeller has been serviced as per the 8130-3 tag dated APR/01/2009 under Work Order 91765

Aircraft Propeller Service, Inc.  
 Wheeling, Illinois

CRS EY2R811K

JAA.5126

1. Approving National Aviation Authority/Country:

FAA/UNITED STATES

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:  
**N29073**

4. Organization — **AIRCRAFT PROPELLER SERVICE INC.**  
290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130

5. Work Order/Contract/Invoice Number:  
**91765 W/ATTACHED PAG:**  
**1 THRU 1 DATED Apr/01,**

6. Item	7. Description	8. Part Number	9. Eligibility*	10. Qty	11. Serial/Batch Number	12. Status/Work
1	HARTZELL PROPELLER	HC-F2YR-1F F8468A-4R	N/A	1	CM252	OVERHAULED

13. Remarks: OVERHAULED PER MANUALS 202A, 113BR36 (JAN/09), 126, 133CR24 (NOV/08).

COMPLIED WITH:

A.D 2007-26-09

S/B NONE

S/L NONE

OTHER: NONE

The Next Action Required on this Component is within 2,000 HOURS OR 72 MONTHS PER SL 61-61YR2.

Serial #	TSN	TSO7
ASSY CM252	UNK	
Hub CM252	UNK	
B1d1 B22810	UNK	
B1d2 B22812	UNK	

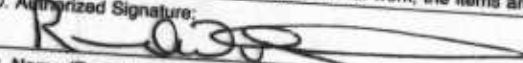
Certifies that the work specified in Blocks 12/13 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: "EASA.145.5126."

14. Certifies the items identified above were manufactured in conformity to:  
 Approved design data and are in condition for safe operation.  
 Non-approved design data specified in Block 13.

19.  14 CFR 43.9 Return to Service  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:  
**EY2R811K**

17. Name (Typed or Printed):

18. Date:

22. Name (Typed or Printed):  
**RICHARD WITSCHHEY, INSPECTOR**

23. Date (m/d/yy):  
**Apr/01/2009**

### User/Installer Responsibilities

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.

Aircraft  
Wheeling, Illinois

JAA.5126

CRS EY2R811K

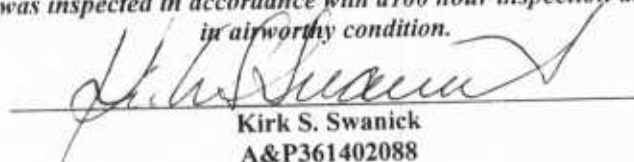


# SERVICE HISTORY

## PROPELLER LOGBOOK ENTRY

Date **N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 8504**  
**04/16/10** Completed 100 hour inspection. Inspected blades, hub, spinner and backplates. Lubed  
**TACH: 1311** hub. Smoothed nicks from blade leading edges. Run up, operational and leak checks  
**TTP: 1571.9** satisfactory.  
**SPOH: 57**

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Kirk S. Swanick  
A&P361402088

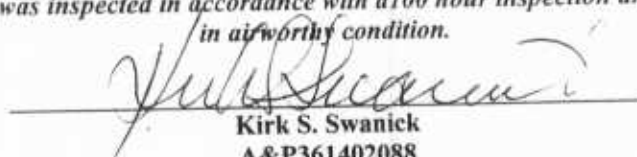
for:

Waukegan Aviation Services, Inc.  
Waukegan, IL

## PROPELLER LOGBOOK ENTRY

Date **N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 8838**  
**05/06/11** Completed 100 hour inspection. Inspected blades, hub, spinner and backplates. Lubed  
**TACH: 1376** hub. Smoothed nicks from blade leading edges. Run up, operational and leak checks  
**TTP: 6136.9** satisfactory.  
**SPOH: 122**

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Kirk S. Swanick  
A&P361402088

for:

Waukegan Aviation Services, Inc.  
Waukegan, IL

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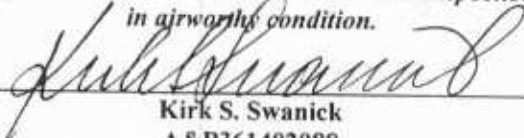
# SERVICE HISTORY

Date  
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**PROPELLER LOGBOOK ENTRY**

N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 9068  
04/18/12 Completed 100 hour inspection. Inspected blades, hub, spinner and backplates. Lubed  
TACH: 1431.3 hub. Smoothed nicks from blade leading edges. Run up, operational and leak checks  
TTP: ~~6192.2~~ satisfactory.  
SPOH: 177.3

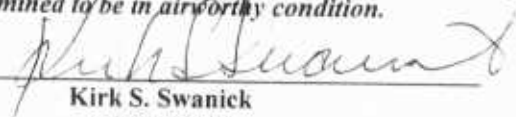
*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*

  
Kirk S. Swanick  
A&P361402088  
for:  
Waukegan Aviation Services, Inc.  
Waukegan, IL

**PROPELLER LOGBOOK ENTRY**

N29073 PA28-236 S/N 28- 7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 9345  
05/02/13 Completed 100 hour/annual inspection. Inspected blades, hub, spinner and backplates.  
TACH: 1755 Lubed hub. Smoothed nicks from blade leading edges. Run up, operational and leak  
TTP: 1753 checks satisfactory.  
SPOH: 238

*I certify this propeller was inspected in accordance with a 100 hour/annual inspection and was determined to be in airworthy condition.*

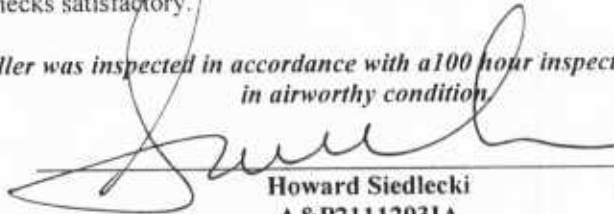
  
Kirk S. Swanick  
A&P3692087  
for:  
Waukegan Aviation Services, Inc.  
Waukegan, IL

# SERVICE HISTORY

## PROPELLER LOGBOOK ENTRY

N29073 PA28-236 S/N 28-7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 9644  
06/12/14 Completed 100 hour. Inspected blades, hub, spinner and backplates.  
TACH: 1829 Smoothed nicks from blade leading edges. Run up, operational and leak  
TTP: 1829 checks satisfactory.  
SPOH: 238

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Howard Siedlecki  
A&P2111293IA

for:

Waukegan Aviation Services, Inc.

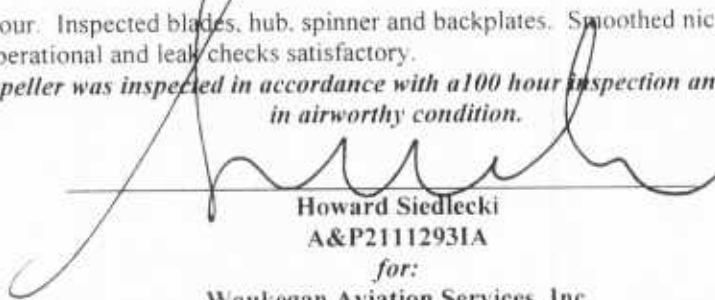
ized Signatures

## PROPELLER LOGBOOK ENTRY

N29073 PA28-236 S/N 28-7911170 HARTZELL HC-F2YR-1F S/N CM252 WO# 9799  
7/16/15 TACH: 1889.3 TTP: 1889.3 SPOH: 298

Completed 100 hour. Inspected blades, hub, spinner and backplates. Smoothed nicks from blade leading edges. Run up, operational and leak checks satisfactory.

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Howard Siedlecki  
A&P2111293IA

for:

Waukegan Aviation Services, Inc.  
Waukegan, IL  
847-336-6075

PROPELLER LOGBOOK ENTRY

N29073 PIPER PA28-236 HARTZELL HC-F2YR-1F S/N: CM252 WO# 1186  
9/5/2018 TACH: 2011.2 TTP: 2271.2 SPOH: 411.2

Completed 100 hour inspection. Checked spinner and bulkhead for cracks. Checked mounting hardware for security. Dressed out nicks on leading edges. Run-up and operational checks satisfactory.

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Thomas Patt A&P 3478371

for:

Waukegan Aviation Services, Inc.  
Waukegan IL  
847-336-6075

PROPELLER LOGBOOK ENTRY

N29073 PIPER PA28-236 HARTZELL HC-F2YR-1F S/N: CM252 WO# 1080  
8/18/17 TACH: 1964.1 TTP: ~~1964.1~~ SPOH: 372

Completed 100 hour inspection. Checked spinner and bulkhead for cracks. Checked mounting hardware for security. Lubed prop hub with Aeroshell #6. Smoothed nicks on leading edge. Operational checks satisfactory.

*I certify this propeller was inspected in accordance with a 100 hour inspection and was determined to be in airworthy condition.*



Thomas Patt A&P 3478371

for:

Waukegan Aviation Services, Inc.  
Waukegan IL  
847-336-6075