

LEFT

HARTZELL

Propeller Owner's Manual & Log Book

HARTZELL PROPELLER INC.

One Propeller Place
Piqua, OH 45356-2634 U.S.A.

Hartzell Propeller

Manual No. 115 N

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model HC-C4YF-2E

Blade Design FC 70639

Diameter _____

Hub Ser. No. GL 179

Blade Ser. Nos. _____

No. 1 J15477

No. 2 J15478

No. 3 J15481

No. 4 J15474

PITCH RANGE



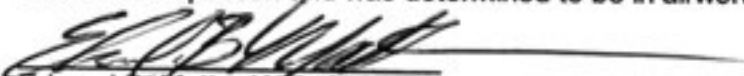
High 18.2°/18.3° Low 13.5°

Feather 81.8 Reverse _____

Governor Model WOODWARD 210788

Hartzell Propeller
Manual No. 115 N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		Reg. #: N547G Make : Hartzell HC-C4YF-2E Ser. #: GL 179 Date: 03-28-2003 Pos.: Left Hobbs: 3344.1 TTSN: 110.1	
		Inspected propeller, greased, dressed propeller blades, painted blade face. AD02-09-08 Does not apply by blade serial numbers (J15477 /J15478/J15481/J15474). I certify this propeller has been inspected in accordance with a Annual inspection and was determined to be in airworthy condition.	
		 Edward B. Matter IA73460373	
		Reg. #: N547G Make: Hartzell HC-C4YF-2E Ser. : GL-179 Date: 03-26-2004 Pos.: Left Hobbs: 3376.4 TTSN: 142.4	
		Inspected propeller, greased, dressed propeller blades, and painted blade face. I certify this propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.	
		 Edward B. Matter IA73460373	
		Reg. #: N547G Make: Hartzell HC-C4YF-2E Ser. : GL179 Date: 06-10-2005 Pos: Left Hobbs: 3380.2 TTSN: 146.2	
		Inspected propeller, greased, dressed propeller blades, and painted blade face. I certify this propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.	
		 Edward B. Matter IA73460373	

Hartzell Propeller
Manual No. 115-N

DESCRIPTION OF ALL OPERATIONS

LEFT PROPELLER * N547G
HARTZELL HC-C4YF-2E * S/N GL-179
HM 4321.5 * TSOH 1087.5
AUGUST 22, 2011



COMPLIED WITH PROPELLER 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D CHECKLIST. I CERTIFY I HAVE INSPECTED THIS PROPELLER IN ACCORDANCE WITH AN 100 HOUR INSPECTION PER FAR 43 APPENDIX D CHECKLIST AND FOUND IT TO BE IN AIRWORTHY CONDITION.

CHRIS EMERSON

AP 3327248 IA

LEFT PROPELLER * N547G
HARTZELL HC-C4YF-2E * S/N GL-179
HM 4458.3 * TSOH 1224.3
JULY 7, 2013



COMPLIED WITH PROPELLER 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D CHECKLIST. I CERTIFY I HAVE INSPECTED THIS PROPELLER IN ACCORDANCE WITH A 100 HOUR INSPECTION PER FAR 43 APPENDIX D CHECKLIST AND FOUND IT TO BE IN AIRWORTHY CONDITION.

CHRIS EMERSON

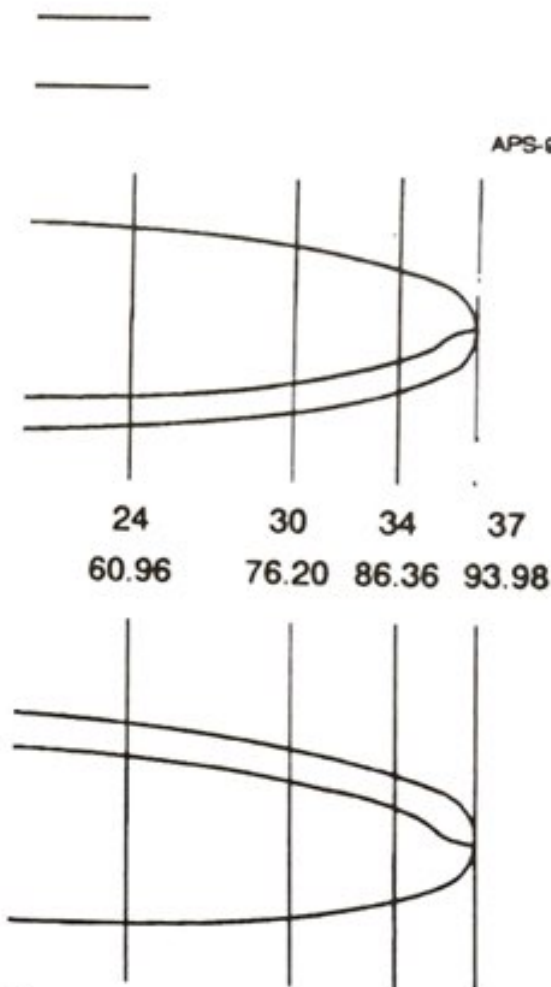
AP 3327248 IA

HARTZELL PROPELLER INC.

115N

ite Blade Damage Repair

APS-011



Damage

Don Lee Farley At P3120278IA

Date 9/24/2015 N Number N870GH
 Hobbs Time 4704.1 Tach Time N/A
 Total Time 1470.1 SMOH LEFT

100 HOUR INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH COMPANY CHECKLIST. CLEANED, DRESSED AND INSPECTED BLADES, INSPECTED HUB AND ATTACHMENT HARDWARE. LUBRICATED AS REQUIRED. CHECKED FOR A.D. COMPLIANCE, NO NEW OR RECURRING PROPELLER A.D.'S DUE AT THIS TIME, SEE A.D. COMPLIANCE REPORT FOR COMPLETE A.D. COMPLIANCE LISTINGS. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIR WORTHY CONDITION FOR RETURN TO SERVICE ON THIS DATE.

Description of Repair	Repaired By

Book #2 Left

**Propeller
Logbook**



SENSENICH PROPELLER SERVICE, INC.

- McCauley
- Hartzell
- MT
- Sensenich
- Dowty
- Hamilton Standard

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
is Required Per F.A.R. 91.417

Lancaster Airport, 519 East Airport Road, Litz, PA 17543 (800) 462-3412 (717) 560-3711 Fax: (717) 560-4354 FAA Certified Repair Station #QV9R194N

Lee Gilmore Memorial Airport, 1142 Aviation Boulevard, Gainesville, GA 30501 (800) 791-7767 (770) 538-0444 Fax: (770) 538-0117 FAA Certified Repair Station #S46R346N

Windham County Airport, 21 Airport Road, North Windham, CT 06256 (877) 456-7944 (860) 456-7944 Fax: (860) 456-0410 FAA Certified Repair Station #Q0PFR011X

The manufacturer's FAA approved overhaul period for this propeller is 6 years/months or 2400 hours, whichever occurs first.

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External


- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- Wear rates are commensurate to hours flown.

IT IS STRONGLY RECOMMENDED ALL PROPELLERS MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED SIX YEARS.

SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
	September 14, 2016	Hobbs 5036.3	SMOH 1802.1 ACTT 5036.3 LEFT This propeller has been inspected IAW an annual inspection in reference to Hartzell inspection guide and found to be in airworthy condition. Performed operational check and found all functions normal. Propeller returned for service.	
			<p style="text-align: center;"> <i>Robert Ripley</i> Robert Ripley 2049610 IA </p>	
			<p style="text-align: center;"> Burlington Air Center 703 Airport Rd. Burlington, WI. 53105 (262) 763-9500 Fax (262) 763-2910 </p>	
	9/25/2017	Left	N870GH Hobbs: 5326.3 Removed HC-C4YF-2E propeller SN) GL 179 and sent to Maxwell Propeller for Overhaul.	TSOH: 2092.1
				

SERVICE HISTORY

Hobbs

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
Oct. 11, 2017	5036.3	-0-		

October 11 2017

AUTHORIZED RELEASE CERTIFICATE

1. Approving Civil Aviation Authority/Country: FAA/United States

2. FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number: 122378

4. Organization Name and Address: MAXWELL AIRCRAFT SERVICE, INC. 5890 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429

5. Work Order/Construction Number: 122378

6. Part Number: HC-C4YF-2EFC70630

7. Description: HARTZELL PROPELLER

8. Quantity: 1

9. Serial Number: G6179

10. Status/Work: OVERHAUL

2. Remarks:
 BLADE SERIAL NUMBERS J15474, J15477, J15478, J15481
 OVERHAULED PROPELLER IN ACCORDANCE WITH HARTZELL PROPE
 REVISION 61, 180 REVISION 15, 181 REVISION K, 183 REVISION J AND 2
 COMPLETED WITH HARTZELL BULLETINS 118F REVISION I, 136I, 327 F
 COMPLETED WITH HARTZELL SERVICE LETTERS 61Y REVISION 11, 217
 COMPLIED WITH HARTZELL INSTRUCTIONS 102J

Compliance with
 Rev. 34, 159
 J2A Rev. 56.
 361, 327 &
 , 217, 267,
 instructions

13a. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation.
 Non-approved design data specified in Block 12.

14a. 14 CFR 43.9 Down to Service 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: *Conrad E. Maxwell*
 14c. Approval/Authorization No.: UFR211L

13d. Name (Typed or Printed): _____
 13e. Date (dd/mm/yyyy): _____

14d. Name (Typed or Printed): CONRAD E. MAXWELL 2386311
 14e. Date (dd/mm/yyyy): OCTOBER 11, 2017

User/Installer Responsibilities

It is important to understand that the customer of this document does not automatically confer authority to install the aircraft engine/proPELLER article. 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 higher airworthiness authority accepts aircraft engine/proPELLER article from the airworthiness authority of the country. 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 regulations by the user/installer before the aircraft may be flown.



SENENICH PROPELLER SERVICE, INC.

www.senenichpropellers.com