

RIGHT

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

RIGHT ENGINE

Hub Model HC-C47F-2F

Blade Design FC 7063A

Diameter _____

Hub Ser. No. GL180

Blade Ser. Nos. _____

No. 1 J15476

No. 2 J15475

No. 3 J15480

No. 4 J12174

PITCH RANGE

High 18.4°/18.5° Low 13.5°

Feather 81.2° Reverse _____

Governor Model _____

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
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Reg. #: N547G Make: Hartzell HC-C4YF-2E Ser. #: GL 180
Date: 03-28-2003 Pos.: Right 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 (J15476 /J15475/J15480/J12174). 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-180
Date: 03-26-2004 Pos.: Right 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. #: GL180
Date: 06-10-2005 Pos.: Right 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

PRECISION AEROSPACE TECHNOLOGIES INC.

RIGHT PROP

HARTZELL HC-C4YF-2E * S/N: GL180 * MARCH 24, 2006 *

HOBBS: 3396.3 * TT: 162.3

C/W 100 HR INSPECTION I/A/W 14 CFR APPENDIX D TO PART 43. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 5153.

SCOTT HOLT

CRS # P90R564Y

PRECISION AEROSPACE TECHNOLOGIES INC.

RIGHT PROP

HARTZELL HC-C4YF-2E * S/N: GL180 * APRIL 10, 2007

HOBBS: 3653.2 * TTE: 419.2

C/W 100 HR INSPECTION I/A/W 14 CFR APPENDIX D TO PART 43. DRESSED BLADES. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. IN ACCORDANCE WITH THE WORK MENTIONED ABOVE THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 5613.

SCOTT HOLT

CRS # P90R564Y

Hartzell Propeller Manual No. 115 N

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

DATE

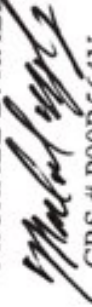
Precision Aerospace Technologies, Inc.

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) -- (870) 251-2561 (Fax)

Make	Model	Propeller S/N	Position	HOBBS	TTSN	SPOH	DATE
HARTZELL	HC-C4YF-2E	GL180	RIGHT	3828.4	3828.4	594.4	Mar 13, 2008

- 1.) COMPLIED WITH AN ANNUAL/100HR INSPECTION PER TITLE 14 CFR PART 43, APPENDIX D.
- 2.) I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION I/A/W THE SCOPE & DETAIL OF TITLE 14 CFR PART 43, APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.
- 3.) IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6093.

MICHAEL D. HALEY



CRS # P90R564Y

SIGNATURE

Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES,

DATE

Precision Aerospace Technologies, Inc.

305 Runway Rd. Batesville, AR 72501 (870) 251-2533 (Office) – (870) 251-2561 (Fax)

N #: N547G

ACFT S/N: TH-1018

Make	Model	Propeller S/N	Position	HOBBS	TTSN	SPOH	DATE
HARTZELL	HC-C4YF-2E	GL180	RIGHT	4016.2	4016.2	782.2	APR 20, 2009

1.) COMPLIED WITH AN ANNUAL/100HR INSPECTION PER TITLE 14 CFR PART 43, APPENDIX D. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL/100HR INSPECTION I/A/W THE SCOPE & DETAIL OF TITLE 14 CFR PART 43, APPENDIX D AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

IN ACCORDANCE WITH THE WORK MENTIONED ABOVE, THIS ARTICLE IS APPROVED FOR RETURN TO SERVICE. ALL LEAK CHECKS, FUNCTION CHECKS AND/OR INSPECTIONS WERE DONE IN ACCORDANCE WITH APPLICABLE MAINTENANCE MANUALS. DETAILS OF THE WORK PERFORMED CAN BE FOUND AT THIS AGENCY UNDER WORK ORDER NUMBER 6667.

MARK E. GIVANS



CRS # P90R564Y

SIGNATURE

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
5-14-10		<p>Performed 100 hour inspection in accordance with 14CFR 43 appndx D and checklist on right prop. Checked alcy system, ops checked good. Checked dome pressure, added N2 to spec. No Lube to props this time. Dressed blades, painted tips. Researched new, outstanding, and recurring Airworthiness Directives for compliance as noted in A.D. listing dated 5-14-10. All A.D.s in compliance. I certify this prop has been inspected in accordance with a 100-hour inspection and was determined to be in an airworthy condition.</p> <p>N547G HM: 4167.8 Rprop TSMOH: 934.0 Jay Foster AP3271665IA FostAir, LLC Bolivar, MO M17 (417) 777-6800</p>	

Hartzell Propeller
Manual No. 115-N

RIGHT PROPELLER * N547G
HARTZELL HC-C4YF-2E * S/N GL-180
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

RIGHT PROPELLER * N547G
HARTZELL HC-C4YF-2E * S/N GL-180
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. REPLACED 1 EA PROP BOOT WITH NEW P/N RA38572. 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.



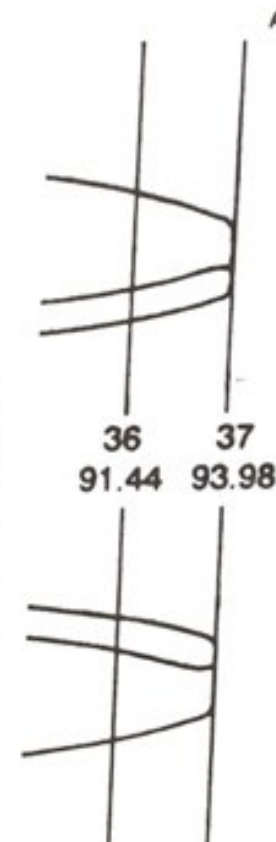
N547G * BEECHRAFT 58 * S/N TH1018
 RIGHT PROPELLER * HARTZELL HC-C4YF-2E * S/N GL-180
 HM 4576.2 * TSOH 1342.2 * TT: 4576.2
 OCTOBER 26, 2014

COMPLIED WITH PROPELLER 100 HOUR INSPECTION THIS DATE IN ACCORDANCE WITH FAR 43 APPENDIX D CHECKLIST. REPLACED 1 EA PROP DEICE BOOT WITH NEW P/N RA38572. 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

Page Repair



APS-910

Repair	Repaired By

in work

Rev 1.3

HARTZELL PROPELLER INC.

Manual No. 115N

Date 9/24/2015 N Number N870GH

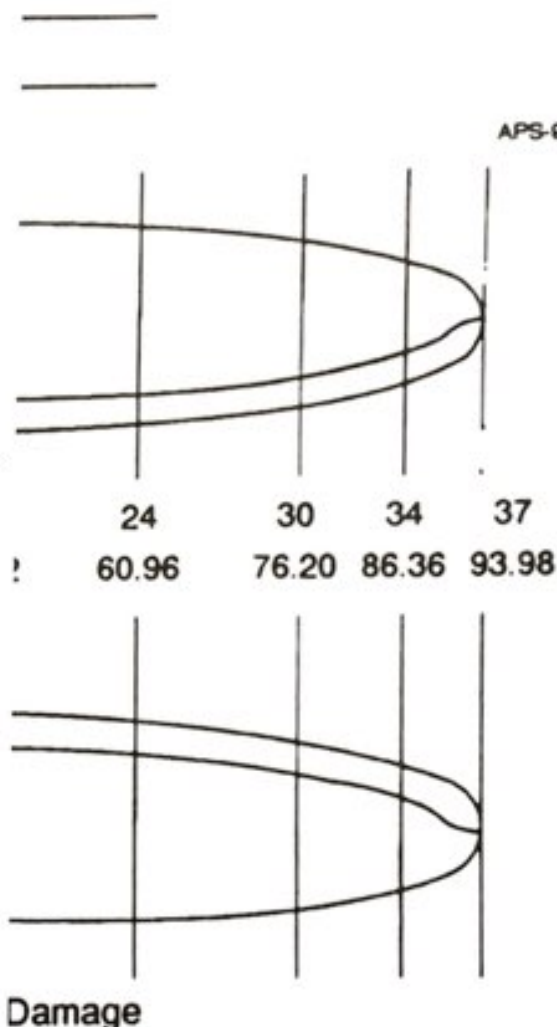
Hobbs Time 4704.1 Tach Time N/A

Total Time 1470.1 SMOH RIGHT

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.

Aronda Farley APP3120278IA

Site Blade Damage Repair



Description of Repair	Repaired By

Back # 2

Right

**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 #OV9R194N

Lee Gilmer 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 #Q0PR011X

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

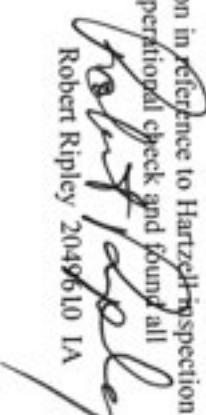
- Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

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 MINIMALLY 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 RIGHT 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.	 Robert Ripley 2049610 IA

MAINTENANCE RECORD

Date: October 14, 2016	Page 1 of 1 Pages	Reg. No: N870GH
Aircraft: Beechcraft 58	Serial #: TH-1018	Hobbs: 5,076.1
#2 Prop:	Serial #:	Total Time:

The below listed items were accomplished in accordance with the Beechcraft Corporation Baron Maintenance Manual and other approved or acceptable data as applicable. Work order discrepancy numbers are shown in brackets [], followed, in bold, directly by AD notes and SB's.

Work Order 041607696

[004] Installed new alcohol feed shoe (deice boot) on 1 propeller blade.

I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for return to service.

Signed  **JAMES ILER**
 Central Flying Service, Inc. Phone: (501) 375-3245, (800) 888-5387
 1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E
 FAX (501) 374-2150

SERVICE HISTORY

Hobbs

Date	Fleet/Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures												
Oct 11, 2017	5326.3	-0-	<p>October 11, 2017 Overhauled Propeller Serial No. GL180 Hartzell Propeller Manuals: 117D Rev. ; Rev. 61, 180 Rev. 25, 181 Rev. 8, 183 Rev. ; Complied with Hartzell Bulletins: 118F 374. Complied with Service Letters: 61Y 293 Rev. 1, 348 & 354. Complied with 102J. Maxwell Aircraft Service, Inc. Minneapolis, MN CRS# UF2R211L Repair Order No. 122379</p>	<p>1. Form Tracking Number: 122379</p> <p>2. FAA Form 8130-2, AIRWORTHINESS APPROVAL TAG AUTHORIZED RELEASE CERTIFICATE</p> <p>4. Organization Name and address: MAXWELL AIRCRAFT SERVICE, INC. 3800 CRYSTAL AIRPORT ROAD MINNEAPOLIS, MN 55429</p> <table border="1"> <thead> <tr> <th>6. Item</th> <th>7. Description</th> <th>8. Part Number</th> <th>9. Quantity</th> <th>10. Serial Number</th> <th>11. Status/Type</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>HARTZELL PROPELLER</td> <td>HC-C4YF-2BFC7003Q</td> <td>1</td> <td>GL180</td> <td>OVERHAUL</td> </tr> </tbody> </table> <p>12. Remarks: BLADE SERIAL NUMBERS: J12174, J15475, J15476, J15480 OVERHAULED PROPELLER IN ACCORDANCE WITH HARTZELL PROPELLER MANUALS 117D REVISION 16, 139C REVISION 24, 139 REVISION 61, 180 REVISION 25, 181 REVISION 8, 183 REVISION 3 AND 202A REVISION 56 COMPLIED WITH HARTZELL BULLETINS: 118F REVISION 1, 136I, 377 AND 374 COMPLIED WITH HARTZELL SERVICE LETTERS: 61Y REVISION 11, 217, 267, 293 REVISION 1, 348 AND 354 COMPLIED WITH HARTZELL INSTRUCTIONS 102J</p> <p>13a. Certified that items identified above were manufactured in conformity with: <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.</p> <p>13b. Authorized Signature: <i>Conrad E. Gruent</i></p> <p>13c. Date (dd/mm/yyyy): 23 OCTOBER 11, 2017</p> <p>14a. X-14 CFR 43.9 Expires on Service <input checked="" type="checkbox"/> Other regulation specified in Block 12 Certified that unless otherwise specified in Block 12, the work identified in Block 13 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.</p> <p>14b. Authorized Signature: <i>Conrad E. Gruent</i></p> <p>14c. Date (dd/mm/yyyy): OCTOBER 11, 2017</p> <p>User/Manufacturer Responsibilities</p> <p>15. FAA Form 8130-2, AIRWORTHINESS APPROVAL TAG</p>	6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Type	1	HARTZELL PROPELLER	HC-C4YF-2BFC7003Q	1	GL180	OVERHAUL
6. Item	7. Description	8. Part Number	9. Quantity	10. Serial Number	11. Status/Type											
1	HARTZELL PROPELLER	HC-C4YF-2BFC7003Q	1	GL180	OVERHAUL											

SERVICE HISTORY

Burlington Air Center
 703 Airport Rd Burlington, WI 53105
 (262) 754-0500 Fax (262) 763-2910

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
12/23/2017		N870GH	Right Hobbs: 5326.3	AFTT: 5326.3

I certify, this Propeller has been inspected in accordance with an Annual Inspection, determined to be in airworthy condition with regard to the work performed, and that the work described above has been accomplished in accordance with current regulations.


 IA 31490113



SENSENICH PROPELLER SERVICE, INC.

www.sensenichpropellers.com