

HARTZELL

Right

PROPELLER OWNER'S MANUAL



DA

Beechcraft 58, N229TA, S/N: TH-887

June 12, 2008

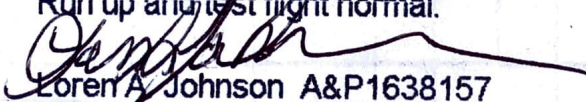
Hour Meter:

6217.4

TSO: 0.0

Installed new right propeller kit Model PHC-J3YF-2UF/FC7663-2R, S/N: ED5553B including bulkhead and spinner.

Run up and test flight normal.

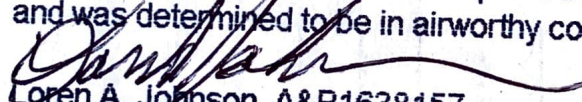

Loren A. Johnson A&P1638157**Beechcraft 58, N229TA, S/N: TH-887****Right Hartzell PHC-J3YF-2UF, S/N: ED5553B**

July 7, 2010

Hour Meter:

6298.4

TSO: 81.0

I certify that this propeller was inspected in accordance with an **100 Hour Inspection** and was determined to be in airworthy condition.
Loren A. Johnson A&P1638157

DESCRIPTION

Beechcraft 58, N229TA, S/N: TH-887**Right Hartzell PHC-J3YF-2UF, S/N: ED5553B**

September 8, 2011

Flt Hr Mtr: 64.0

TSO: 200.0

I certify that this propeller was inspected in accordance with an **100 Hour Inspection** and was determined to be in airworthy condition.

1. See AD & Recurring AD Lists for AD status.


Loren A. Johnson A&P1638157

NATURE

Hartzell Propeller

al No. 115 N

**PTION OF ALL OPERATIONS
TO AIRWORTHINESS DIRECTIVES,
BULLETINS, SERVICE LETTERS,
MINOR ADJUSTMENTS**

Hartzell Propeller
Manual No. 115 N

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS.**

Beechcraft 58, N229TA, S/N: TH-887

Hartzell PHC-J3YF-2UF, S/N: ED5553B

October 1, 2012

Maint. Hr. Mtr: 123.9

TSO: 259.9

I certify that this propeller was inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

1. See AD Lists and Recurring AD List for AD status.


Loren A. Johnson A&P 1638157

Beechcraft 58, N229TA, S/N: TH-887

Hartzell PHC-J3YF-2UF, S/N: ED5553B

November 1, 2013

Maint. Hr. Mtr: 192.7

TSO: 328.7

I certify that this propeller was inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

1. See AD Lists and Recurring AD List for AD status.


Loren A. Johnson A&P 1638157

SIGNATURE

ATURE

DA

Beechcraft 58, N229TA, S/N: TH-887**Hartzell PHC-J3YF-2UF, S/N: ED5553B**

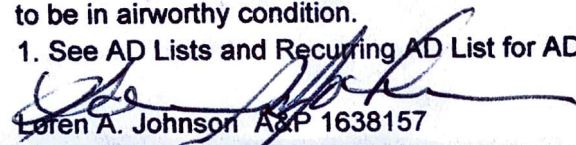
January 8, 2015

Hr. Meter: 234.0

TSO: 370.0

I certify that this propeller was inspected in accordance with a 100 Hour Inspection and was determined to be in airworthy condition.

1. See AD Lists and Recurring AD List for AD status.


Loren A. Johnson A&P 1638157

RIGHT PROPELLER

Date 02-01-2016

N229TA

Hobbs 268.8

Complied with an annual inspection iaw far 43 appendix d and a beechcraft inspection guide
complied with routine servicing iaw beechcraft service guide

Operational check of de-ice system ok no other defects noted filed minor nicks from blades see
airframe logs this time and date for more details on inspection

I certify that this propeller has been inspected iaw an annual inspection and has been determined to
be in airworthy condition at this time Steve n T Bush IA 3403641


Steve n T Bush

ATURE

Manual No. 115 N

2. MINOR ADJUSTMENTS

RIGHT PROPELLER

N229TÅ

Hobbs 288.3

Complied with an annual inspection iaw far 43 appendix d and a beechcraft inspection guide
 complied with routine servicing iaw beechcraft service guide

Operational check of de-ice system ok no other defects noted filed minor nicks from blades see airframe logs this time and date for more details on inspection

I certify that this propeller has been inspected iaw an annual inspection and has been determined to be in airworthy condition at this time Steve n T Bush IA 3403641

Stuart Bisk

[illegible]

HARTZELL PROPELLER INC.

Manual No. 115N

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

DATE

8/1

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1353P	
4. Organization Name and Address: Redline Propeller, Inc. 1201 North Cedar-Building 7 Akron, Colorado 80720					5. Work Order/Contract/Invoice Number:	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Hartzell Propeller	PHC-J3YF-2UF	1	ED5553B	Overhauled	
12. Remarks: Disassembled, cleaned, inspected, Installed new teflon on blades, repainted blades and hub, resealed and balanced in accordance with Hartzell manuals 117D, 202A and 133C. (See Redline Propeller W.O. 1352P for details of work performed.) S/B's HC-SB-61-118F, HC-SB-61-136I, HC-SL-61-177, HC-SL-61-329, HC-SL-61-61Y Rev.12, HC-SL-61-267, HC-SL-61-293. Blade Model: FC7663-2R Blade S/N: 1) H79120, 2) H80396, 3) H79128.						
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 Return 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: <i>Daniel M. Jensen</i>		14c. Approval Certificate No.: R62R 96Y
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Daniel M. Jensen		14e. Date (dd/mm/yyyy): 28/FEB/2020
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute 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 his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. 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.						

FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9003

Mountain Air Aviation

11750 Airport Way Hangar B12C, Broomfield, CO 80021
303-469-1380

Prop Log entry

N229TA Beech 4-20-20 Tach=358.9

Completed Annual insp of prop. Reinstalled Prop after
overhaul by Redline Propeller. Prop TSMO=0.0 Run
up was satisfactory.-----END-----

[Signature] 1A327790

HARTZELL PROPELLER INC.

Assembly Inspection Check-off Record

Constant Speed Propeller Reversing and Feathering Propeller

MODEL HC-F3YR-2	HC-E3YR-2	HC-C3YR-2	EHC-G3YF-2	HC-C3YF-5	Assembly Serial No. ED3675A
Customer Hartzell Service Center		HC-13YR-2	PHC-J3YF-2 UFW	PHC-C3YF-2	Factory No. A31535A
Order No. 41130	New ☒	Repair	Experimental	Warranty	

Hub Assembly No. D-3285-7 ☒	C-3266-1	D-3261-2
D-3685	D-3251-	D-3716
Hub Bolts Torqued at 22 ft.lbs.		
Cwt. Design B3202H-5	43 13	

BLADES	Design No. FC7663-2R
Ser. No. (1) H79120	(2) H79122 (3) H79128

CYLINDER B2423-1	Serial No. D6571
A-2405-3 Check Nut	☒
B-1938 Air Valve	☒
Check for Leaks	43

NOTE
Air Chamber charged to "P.S.I." in relation with temperature chart on Cylinder ☒

FOR REPAIRS ONLY
Complies with all Hartzell Service Bulletins through A.D. No.
And Bulletin No.
Signed:

Dwg. **D3280** Rev. **AS**

BLADE ANGLES at 30° Radius
Low Pitch **13.0°** High Pitch **18.4°/18.6°**
Feather Angle **82.1** (Checked by Assembler)
Track **OK** Friction ☒
Built By: **RWG**
Insp. By: **J. Sturis**

INSTALLATION PARTS			
(6) A-2067 Studs	NA	(1) 909-6 "O" Ring	NA
(6) A-1381 Washers	☒	(6) A-2429-3 Studs	☒
(6) A-2069 Nuts	NA	(6) A-279 Zerks	☒
(6) A-2429-4 Studs	☒	(6) A-2044 Nuts	☒
		(2) 1-1/8 X .5002 Dowel Pins	☒

Bulkhead Serial No. **NA**
Functional Test 0 to 125 lbs. ☒

COMMENTS: **A2476-9 spin. nut. kit installed**

F.A.A. Designee
Inspector **J. Sturis**
Date **7-31-95** HP
43

**** For Repairs Only! Complies with all Hartzell Service Bulletins through AD & Bulletin**

**** This propeller has been repaired in accordance with FAR Part 43 or in accordance with manufacturer's approved data on file with the Federal Aviation Agency and is classed as a minor repair. This sheet should be attached to your log book in lieu of a log book entry in compliance with requirements of FAR Part 43.**

**** Not applicable if assembly is new.**

HARTZELL PROPELLER INC.

Assembly Inspection Check-off Record

Constant Speed Propeller Reversing and Feathering Propeller

MODEL HC-F3YR-2	HC-E3YR-2	HC-C3YR-2	ENC-G3YF-2	HC-C3YF-5	Assembly Serial No. ED3675A
Customer Hartzell Service Center	HC-13YR-2	PHC-J3YF-2 UF	PHC-C3YF-2	Factory No. A31535A	
Order No. 41130	New ☒	Repair	Experimental	Warranty	

Hub Assembly No. D-3285-7 ☒ C-3266-1 D-3261-2 D-3685 D-3251- D-3716 Hub Bolts Torqued at 22 ft.lbs. Cwt. Design B 3202 H-5 43 43	BLADE ANGLES at 30" Radius Low Pitch 13.0° High Pitch 18.4°/12.6° Feather Angle 82.1 (Checked by Assembler) Track OK Friction ☒ Built By: R.W.G. Insp. By: J. J. Lewis
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BLADES Design No. FC7663-2R Ser. No. (1) H79120 (2) H79122 (3) H79128	INSTALLATION PARTS <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>(6) A-2067 Studs</td> <td>NA</td> <td>(1) 909-6 "O" Ring</td> <td>☒</td> </tr> <tr> <td>(6) A-1381 Washers</td> <td>☒</td> <td>(6) A-2429-3 Studs</td> <td>NA</td> </tr> <tr> <td>(6) A-2069 Nuts</td> <td>NA</td> <td>(6) A-279 Zerks</td> <td>☒</td> </tr> <tr> <td>(6) A-2429-4 Studs</td> <td>☒</td> <td>(6) A-2044 Nuts</td> <td>☒</td> </tr> <tr> <td></td> <td></td> <td>(2) 1-1/8 X .5002 Dowel Pins</td> <td>☒</td> </tr> </table>	(6) A-2067 Studs	NA	(1) 909-6 "O" Ring	☒	(6) A-1381 Washers	☒	(6) A-2429-3 Studs	NA	(6) A-2069 Nuts	NA	(6) A-279 Zerks	☒	(6) A-2429-4 Studs	☒	(6) A-2044 Nuts	☒			(2) 1-1/8 X .5002 Dowel Pins	☒
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		(2) 1-1/8 X .5002 Dowel Pins	☒																		

CYLINDER B 3423-1 Serial No. D6571 A-2405-3 Check Nut ☒ B-1938 Air Valve ☒ Check for Leaks 43	NOTE Air Chamber charged to "P.S.I." in relation with temperature chart on Cylinder ☒
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FOR REPAIRS ONLY Complies with all Hartzell Service Bulletins through A.D. No. And Bulletin No. Signed: Dwg. D3280 Rev. AS	Bulkhead Serial No. NA Functional Test 0 to 125 lbs. ☒ COMMENTS: A2476-9 spin. and kit installed F.A.A. Designee Inspector J. J. Lewis Date 7-2-75
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**** For Repairs Only! Complies with all Hartzell Service Bulletins through AD & Bulletin**

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