

HARTZELL PROPELLER INC

INSPECTION

Part Number: C2K00488

Date: 10/12/2004

Work Order #: M991700

Right

Model Number HC-C2YK-2CUF/FC7666CB-4							
Ass'y Ser No. AU12116B	Hydr Unit No. NA	Bulkhead No. NA		Valve No. NA	Dome No.		
Blade 1 J97061	Blade 2 J97009	Blade 3	Blade 4	Blade 5	Blade 6		
Carton No.	Lbs.	Weight	Kilos	Height	Width	Length	Packing
Comments: Deice Kit: D-6774 Included but not inst. Spinner Mounting Kit: NA IDS # 1203 5-25-04							
14.0 L.P./S.L. @ 30" Radius							
Packing Certified By: <i>P.D.</i>				Date: <i>10/12/04</i>			

W. Zell Propeller Inc.
 Assembly Inspection Check-off Record

COMPACT PROPELLER

Approved By: S. Wead Date: 8/25/04 Form Rev.: G Exp.

Inspection

Prop S/N A412116B Model HC-22YK-2CUF W.O. No. M991700
 Drawing D2292 Dwg. Rev. AS IDS No. 1203 IDS Date 5-25-04

Serialized Parts

<u>Builder</u>		<u>Inspector</u>	
Hub Part No. <u>D6522-1</u>	Bulkhead S/N _____	Part No. <u>B3202H-4 (L)</u>	Serial No. _____
Hub Factory No. <u>A70271B</u>	Slip/Slinger Ring S/N _____	Blade <u>FC7666CB-4</u>	#1 <u>J97061</u>
Fork Ser. No. <u>A860</u>	Cylinder S/N <u>E3282</u>		#2 <u>J97009</u>
Piston Ser. No. <u>CG131</u>			#3 _____
			#4 _____

Builder

Check for Leaks Check Feather Angle (Record Angle) 81.9 Verify Rod Nut Cotter Pin NA
 Assembled By: Mike Schecter Date: 10-11-04

2nd Check Verification

Blade Angles Checked at 30" Radius Low Pitch (Within .2 Deg.) 14.01 High Pitch 19.7, 19.75
 Friction Function Test "0"-175"psi Reverse Pitch NA
 Track/Length (Aluminum .125" max)(Composite .250" max.) T L
 Verified By: Steve Date: 10-11-04

Balance

Balance Weight Lead #1 0 #2 0 #3 _____ #4 _____
 Quantity and Type Trail #1 0 #2 0 #3 _____ #4 _____
 Front (Assy. S/N) _____ Back 22A
 Balanced By: [Signature] Date: 10-12-04

Inspection

<u>Non-installed Mounting Hardware and Dimensional Checks</u>			
<u>"D" Flange Only</u>	<u>"F" Flange Only</u>	<u>"L" Flange Only</u>	<u>"N" Flange Only</u>
(8) A-2044 Nuts _____	(6) A-1381 Washers _____	(4) B-6489-25 Bolts _____	(8) A-3257 Nuts _____
(8) A-7752 Spacer _____	(6) A-2044 Lock Nut _____	(4) B-6526-7 Washer _____	(8) A-2048-2 Washer _____
(2) A-7750 & (6) A-7749 Stud Torque 25 ft lb _____	A-2429-3,4,5 Studs Torqued 25 ft.lbs. _____		A-3254 Studs Torqued 25 ft. lbs. _____
Mtg Stud Protrusion _____	Mtg Stud Protrusion _____		Mtg Stud Protrusion _____
	Dowel Pin Protrusion _____		Dowel Pin Protrusion _____
			C-3317-230 O-ring _____

Safeties Visual Insp Mtg. Flange & Hub Bore Non-Installed Parts Checked Torque Sheet Complete
 Spinner Mtg Kit A-2476-() Installed _____ Included _____ N/A
 De-ice Kit No. D-6774 Installed/Ck'd _____ Included/Ck'd N/A _____
 Ohms Reading <100K #1 _____ #2 _____ #3 _____ #4 _____ N/A
 Air Chamber Charged per Requirement in Applic. Owners Manual N/A _____

Comments: _____
 Inspected By: [Signature] Stamp _____ Date: 10-12-04

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-CZYK-2CVF/FC766 CB-4

PROPELLER S/N AU12116B

LOGBOOK # 2

THIS SERVICE RECORD shall accompany the propeller equipment at all times. When equipment is installed as part of an Aircraft or engine, this record shall be maintained concurrently with and become a part of the Aircraft and Engine Service Records.

PROPELLER MAINTENANCE RECORD

Position Right
Propeller Model HC-C2YK-2CUF
Propeller S/N AU12116B
Blade Design FC7666CB-4
Blade S/N's
No. 1 ~~J97008~~ J97061
No. 2 ~~J97008~~ J97009
No. 3 _____
No. 4 _____
No. 5 _____
No. 6 _____
Spinner Assembly Part No. 836-29P

PITCH RANGE
High/Feather 81.9
Start Lock 20.0
Low 14.0
Reverse N/A
Aircraft Manufacturer Beech
Aircraft Model D-95A Travel Air
S/N TD-574
Registration N8831M

Date	Propeller		AC Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
6-15-08	-0-	N/A	4034	<p>Make: <u>Hartzell</u></p> <p>Model: <u>HC-C2YK-2CUF</u></p> <p>Serial No.: <u>AU12116B</u></p> <p>A.C.Reg: <u>N8831M</u></p> <p><i>Removed propeller SN: 14935 & installed new propeller & spinner assembly, IAW Hartzell ETC & SMOH check. Cycle leak checked good. Dynamic balance checked. The Chadwick Helium Smooth Propeller E. Spring 25.18. Added 8.0 grams of dynamic weight to the spinner balance. Enclng IPS.03 @ 2000 rpm. Inspected new weight & balance in POH. — End —</i></p> <p>The item identified above was repaired or overhauled in accordance with applicable regulations and is approved for return to service. Technical details of the repair or overhaul are on file at the repair station under this work order: <u>WOF168</u></p> <p>"This signature constitutes approval for return to service of the aircraft ONLY FOR THE WORK WE HAVE PERFORMED. We have not performed or been authorized to perform any inspection of the aircraft nor have we reviewed or been authorized to review the maintenance records, including but not limited to..."</p> <p>FAA Certified Repair Station # Q10924N</p> <p>509 East Airport Road Little PA 1750 Phone 717.561.3711 Fax 717.560.4354</p>

11/12/09				AD 2009-22-03 does not apply due to hub suffix SN letter B installed.
				John M. Peters
				A+P 1546718

Laytonville Aircraft Services, LLC
 Davis Airport
 7200 Hawkins Creamery Road
 Laytonville, MD 20872
 301-253-2897

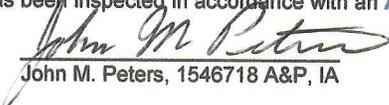
RIGHT PROP

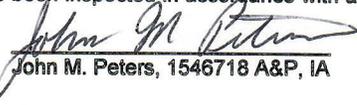
MAKE: Hartzell MODEL: HC-C2YK-2CUF/FC7666CB-4 HUB SERIAL NUMBER: AU12116B
 BLADE SERIAL NUMBERS: #1 J97061 #2 J97009
 AIRCRAFT NUMBER: N8831M DATE: 11/11/11 HOBBS: 4361.0 TOTAL TIME: 348.0 SMOH: N/A

1. Spinner removed, propeller serviced and inspected IAW a compliant checklist.
2. Reviewed AD listing using current ATP software.
3. AD listing reviewed using Triton Aviation Data software.
4. No disclosed AD's for this propeller are due at this time.
5. AD Compliance Record updated.
6. Minor nicks in both blades dressed and paint touched-up as needed.
7. Blade track checked and found to be satisfactory.
8. Spinner reinstalled.
9. Ground run-up and taxi check performed and found to be satisfactory.

I certify that this propeller has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

John M. Peters
 John M. Peters, 1546718 A&P, IA

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
<p>Laytonsville Aircraft Services, LLC Davis Airport 7200 Hawkins Creamery Road Laytonsville, MD 20872 301-253-2897</p> <p>RIGHT PROP</p> <p>PROP MAKE: Hartzell MODEL: HC-C2YK-2CUF HUB SERIAL NUMBER: AU12116B BLADE SERIAL NUMBERS: #1 J97061 #2 J97009 AIRCRAFT NUMBER: N8831M DATE: 1/4/13 TACH: 4471.8 TOTAL TIME: 458.4 SMOH: N/A</p> <ol style="list-style-type: none"> 1. Spinner removed, propeller serviced and inspected IAW a compliant checklist. 2. AD listing reviewed using current Triton Aviation Data online software. 3. No disclosed AD's are due for this propeller at this time. 4. Minor nicks in all blades dressed. 5. Blade track check performed and found to be satisfactory. 6. Ground run-up performed and found to be satisfactory. <p>I certify that this propeller has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition.</p> <p style="text-align: center;"> John M. Peters, 1546718 A&P, IA</p>				

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
<p>Laytonsville Aircraft Services, LLC Davis Airport 7200 Hawkins Creamery Road Laytonsville, MD 20872 301-253-2897</p> <p>RIGHT PROP</p> <p>PROP MAKE: Hartzell MODEL: HC-C2YK-2CUF HUB SERIAL NUMBER: AU12116B BLADE SERIAL NUMBERS: #1 J97061 #2 J97009 AIRCRAFT NUMBER: N8831M DATE: 3/11/14 HOBBS: 4544.0 TOTAL TIME: 530.6 SMOH: 155.4</p> <ol style="list-style-type: none"> 1. Spinner removed, propeller serviced and inspected IAW a compliant checklist. 2. AD listing reviewed using current Triton Aviation Data online software. 3. No disclosed AD's are due for this propeller at this time. 4. Minor nicks in both blades dressed. 5. Blade track check performed and found to be satisfactory. 6. Ground run-up performed and found to be satisfactory. 7. Spinner reinstalled. <p>I certify that this propeller has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition.</p> <p style="text-align: center;"> John M. Peters, 1546718 A&P, IA</p>				

