

HARTZELL PROPELLER INC
INSPECTION

Part Number: C2K00488

Date: 10/12/2004

Work Order #: M991700

Left

Model Number HC-C2YK-2CUF/FC7666CB-4							
Ass'y Ser No. AU12117B		Hydr Unit No. NA		Bulkhead No. NA		Valve No. NA	Dome No.
Blade 1 J98790	Blade 2 J98788	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>		

D. Izell 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 A412117B Model HC-C2YK-2CUF W.O. No. M991700
Drawing D 2292 Dwg. Rev. AS IDS No. 1203 IDS Date 5-25-04

Serialized Parts

Builder		Inspector	
Hub Part No. <u>D6522-1</u>	Bulkhead S/N _____	Cwt. <u>B3202H-4(2)</u>	Serial No. _____
Hub Factory No. <u>A70272B</u>	Slip/Slinger Ring S/N _____	Blade <u>FC7666CB-4</u>	#1 <u>J98790</u>
Fork Ser. No. <u>A859</u>	Cylinder S/N <u>E3273</u>		#2 <u>J98788</u>
Piston Ser. No. <u>C6183</u>			#3 _____
			#4 _____

Builder

Check for Leaks Check Feather Angle (Record Angle) 81.9 Verify Rod Nut Cotter Pin NA
Assembled By: Mike Risch Date: 10-12-04

2nd Check Verification

Blade Angles Checked at 30" Radius Low Pitch (Within .2 Deg.) 13.9 / 14.1 High Pitch 19.9 / 20.05
Friction Function Test "0"-175"psi Reverse Pitch NA
Track/Length (Aluminum .125" max)(Composite .250" max.) T
Verified By: Stein Date: 10-12-04

Balance

Balance Weight Lead #1 0 #2 0 #3 _____ #4 _____
Quantity and Type Trail #1 0 #2 0 #3 _____ #4 _____
Front (Assy. S/N) _____ 0 _____ Back 25c
Balanced By: m Date: 10-12-04

Inspection

Non-installed Mounting Hardware and Dimensional Checks

"D" Flange Only	"F" Flange Only	"L" Flange Only	"N" Flange Only
(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: John J. Alan Stamp  Date: 10-12-04

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-CZYK-2CUF/FC7666CB-4

PROPELLER S/N AU12117B

LOGBOOK # 1

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	<u>Left Engine</u>	PITCH RANGE	
Propeller Model	<u>HC-C2YK-2CUF</u>	High/Feather	<u>81.9</u>
Propeller S/N	<u>AU12117B</u>	Start Lock	<u>20.0</u>
Blade Design	<u>FC7666CB-4</u>	Low	<u>14.0</u>
Blade S/N's		Reverse	<u>N/A</u>
No. 1	<u>J98790</u>	Aircraft Manufacturer	<u>Beech</u>
No. 2	<u>J98788</u>	Aircraft Model	<u>D-95A Travel Air</u>
No. 3		S/N	<u>TD-574</u>
No. 4		Registration	<u>N8831M</u>
No. 5			
No. 6			
Spinner Assembly Part No.	<u>836-29P</u>		

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
6-15-06	-0-	N/A	Hobbs: 4013.4	<p>Make: <u>Hartzell</u></p> <p>Model: <u>HC-C2YK-2CUF</u></p> <p>Serial No.: <u>AU12117B</u></p> <p>A.C.Reg: <u>N8831M</u></p> <p style="text-align: center;">SB SENENICH PROPELLER SERVICE, INC. Log book Entry</p> <p>Date: <u>6-15-06</u> PTTSN: <u>-0-</u> PTTSO: <u>N/A</u> HOBBS/FAH <u>4013.4</u></p> <p style="text-align: center;">Summary of work accomplished</p> <p><i>Removed propeller SN: 1481F & installed new propeller & spinner assembly IAW. Hartzell STC # SA00722CH. Opps & lock checked good. Dynamic Balanced Propeller IAW. Chadwick Helmoth Smooth Propeller II. Starting IPS .89. Adjusted static weight then starting IPS .25. Added 10.3 grams of dynamic weight to the spinner bulkhead. Ending IPS .05 @ 2400 rpm. Inserted new weight & balance in POH. End</i></p> <p>The item identified above was repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and is approved for return to service. Pertinent details of this repair or overhaul are on file at this repair station under this work order. W.O.# <u>L16168</u></p> <p>Authorized Signature: <u>Mark J. Fisher</u></p> <p>"This signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK WE HAVE PPERFORMED. We have not performed nor been authorized to perform any inspection of this aircraft nor have we reviewed or been authorized to review the maintenance records, including Part 39 compliance."</p> <p style="text-align: center;">FAA Certified Repair Station # QV9R194N 519 East Airport Road Litzitz, PA 17543 Phone: 717.560.3711 Fax: 717.560.4354</p>

11/12/09		AD 2009-22-03 does not apply due to hub suffix S/N 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

LEFT PROP

MAKE: Hartzell **MODEL:** HC-C2YK-2CUF/FC7666CB-4 **HUB SERIAL NUMBER:** AU12117B
BLADE SERIAL NUMBERS: #1 J98790 #2 J98788
AIRCRAFT NUMBER: N8831M **DATE:** 11/11/11 **HOBBS:** 4361.0 **TOTAL TIME:** 348.0 **SMOH:** N/A

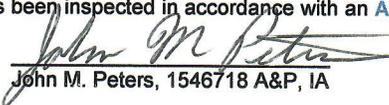
1. Spinner removed, propeller serviced and inspected IAW a compliant checklist.
2. Reviewed AD listing using current ATP software.
3. AD listing reviewed using Triton Aviation Data software.
4. No disclosed AD's for this propeller are due at this time.
5. AD Compliance Record updated.
6. Minor nicks 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.

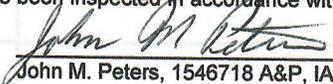
I certify that this propeller has been inspected in accordance with an **ANNUAL INSPECTION** and was determined to be in airworthy condition.

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		
3/12/12	375.2	-0-		OVERHAULED/MAJOR INSPECTED
			HOBBS	BY SENSENICH PROPELLER SERVICE, INC.
			43588.6	Hub Serial No. <u>AV12117B</u>
				Blade Ser. No. <u>598788</u>
				<u>598790</u>
				Blade Angles Low <u>14.0</u> High <u>20.0</u>
				Rev <u>—</u> Feather <u>82.0</u>
				TSO <u>-0-</u> W.O. <u>L23490</u> TSN <u>375.2</u>
				<i>C. May</i> Sensenich Propeller Service Repair Station #QV9R194N

Date	Propeller TSN	Propeller TSO	A/C Hrs	Summary of work performed
3/29/12	375.2	-0-	4588.6	<p>SENSENICH PROPELLER SERVICE, INC. DATE: <u>3-20-12</u> CRS: QV9R194N Hobbs/Time: <u>4388.6</u> A/C Reg: <u>N8831M</u> Hub Model: <u>HC-C2YK-2CUF</u> Hub S/N: <u>AV12117B</u> Propeller TTSN: <u>375.2</u> Propeller TTSO: <u>-0-</u></p> <p>Summary of work performed removed & reinstalled the Left Propeller IAW Hartzell Manual 115N. Opps & leak checked good. removed & reinstalled Overhauled Propeller Governor Mod: 210360C SN: 634953 on the Left engine IAW woodward data. Opps & leak checked good. Dynamic Balanced Propeller IAW Chadwick Helmerth Smooth Propeller II, & Hartzell data. Starting IPS .75 at 2500 rpm. Installed 48.6 grams in the Spinner Bulkhead. Ending IPS .05 at 2500 rpm. End-</p> <p>Pertinent details of this repair/overhaul are on file at this repair station under work order # <u>L23490 & L23498</u> Signed <u>[Signature]</u> for Sensenich Propeller Service, Inc., 519 E. Airport Rd. Lititz, PA 17543 "This signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK WE HAVE PERFORMED. We have not performed nor been authorized to perform any inspection of this aircraft nor have we reviewed or been authorized to review the maintenance records, including Part 39 compliance.</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 style="text-align: center;"><i>Laytonsville Aircraft Services, LLC</i> <i>Davis Airport</i> <i>7200 Hawkins Creamery Road</i> <i>Laytonsville, MD 20872</i> <i>301-253-2897</i></p> <p>LEFT PROP</p> <p>PROP MAKE: Hartzell MODEL: HC-C2YK-2CUF HUB SERIAL NUMBER: AU12117B BLADE SERIAL NUMBERS: #1 J98790 #2 J98788 AIRCRAFT NUMBER: N8831M DATE: 5/8/15 TACH: 4629.2 TOTAL TIME: 543.6 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 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>

				<p style="text-align: center;"><i>Laytonsville Aircraft Services, LLC</i> <i>Davis Airport</i> <i>7200 Hawkins Creamery Road</i> <i>Laytonsville, MD 20872</i> <i>301-253-2897</i></p> <p>LEFT PROP</p> <p>PROP MAKE: Hartzell MODEL: HC-C2YK-2CUF HUB SERIAL NUMBER: AU12117B BLADE SERIAL NUMBERS: #1 J98790 #2 J98788 AIRCRAFT NUMBER: N8831M DATE: 11/09/17 TACH: 4799.3 TOTAL TIME: 713.7 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 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>
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